Volume:
1988
Fall Semester
1st Edition

SCHEDULE OF CLASSES

The University of Maryland College Park Campus

First Edition, Fall 1988

UNIVERSITY BOOK CENTER

Lower Level — Stamp Union

SELL US YOUR BOOKS

The official University of Maryland bookstore that's much more than a bookstore.

Very convenient location in the lower level east of the Stamp Union.

Visa & Mastercard accepted 454-3225

STORE HOURS

M-F	8:30-7:30PM
Sat	9:00-5:00PM
Sun	12:00-5:00PM

Table of Contents

REGISTRATION INFORMATION
Calendar ... 2
Consortium of Universities of the Washington Metropolitan Area ... 9
Faculty-Staff Registration Procedures ... 9
Frequently Called Numbers ... 2
Graduate Student Registration Procedures ... 7
Graduate Student Procedure Chart ... 8
Doctoral Students — Continuous Registration ... 7
Graduate Student Refund Schedule for Dropping Courses ... 7
Graduate Students — Summary of Fall Deadlines ... 7
Registration Dates and Schedule Adjustment Calendar ... 6
Remission of Tuition for Faculty and Staff ... 9
Teacher's Registration ... 9
Undergraduate Registration Procedures ... 6
DEADLINES — FOR ALL STUDENTS — SEE PAGE 10
Cancellation of Registration ... 10
Candidates for December 1988 Graduation ... 10
In-State Students ... 10
Penalties for Drops During Schedule Adjustment ... 10
Reclassification to In-State Status ... 10
Summary of Fall 1988 Deadlines ... 10
FINANCIAL INFORMATION — FEE CHART SEE PAGE 11
Billing Information ... 11
Cancellation of Residence Hall and/or Meal Plan Agreement ... 12
Fees for Fall 1988 ... 11
Financial Aid Information ... 12
Guaranteed Student Loan (GSL) Information ... 12
Housing (On-Campus) Credit Adjustment Schedule ... 12
Mandatory Fees ... 11
Meal Plan Rates and Credit Adjustment Schedule ... 12
Other Fees ... 11
Remission of Fees (Faculty/Staff) ... 11
Refunds for Special Courses (CHEM 001, COOP 098/099, ENCO 098/099, ENGL 001, MATH 001) ... 12
Refund Requests ... 12
Tuition, Fees and Other Expenses ... 11
Tuition Waiver Policy ... 11
Withdrawal From the University — Procedures Dates — Refund of Tuition for Withdrawal from ALL Courses ... 12
Cancellation of Residence Hall and/or Meal Plan ... 12
Credit Adjustment Schedules — Residence Hall & Meal Plan ... 12
GENERAL INFORMATION
Academic Dishonesty ... 14
Change of Address Procedure ... 14
Change of Name Procedure ... 14
Commencement Honors ... 14
Computer Science Center ... 14
Disabled Student Services ... 14
Emergency Weather Conditions ... 16
Engineering Jobs Hotline ... 16
Experiential Learning Programs ... 16
Final Examination Schedule ... 14
General University Requirements ... 23
Golden ID Program ... 16
Guidelines to Administration of Examinations & Tests, Including Those on Religious Holidays ... 16
Health Center ... 16
Human Relations Code ... 16
Identification Cards ... 16
International Student Information ... 16
Job Referral Service ... 18
Learning Assistance Service ... 18
National Student Exchange ... 16
Off-Campus Housing Service ... 18
Office of Public Service ... 18
Policy on Non-Discrimination ... 18
Returning Students Program ... 18
Sexual Harrassment ... 18
Shuttle-UM ... 18
Skills for Success Workshops ... 18
Smoking Policy ... 18
Student Employment Center ... 18
Study Abroad ... 18
Tel-UM Information ... 18, 19
Transcript Services ... 19
Tutorial Programs ... 19
UMaps ... 19
UMCP Libraries ... 18
University College Students ... 19
University Policy on Disclosure of Records (Buckley) ... 19
Vehicle Registration ... 19
Veterans Benefits ... 19
ACADEMIC/ADVISEMENT INFORMATION
Course Numbering System ... 21
College Locations & Deans ... 20
College Organization Chart ... 20
Graduate Students Academic Information ... 21
Graduate Advisement ... 21
Graduate Computing Units ... 21
Graduate Full-Time Status ... 21
Graduate Program Changes ... 21
Undergraduate Students Academic Information ... 21
Advanced Studies Approved Courses ... 25-27
Advisement ... 21
Advisor Listing ... 21, 22
Credit by Examination ... 23
Credit Limits (Semester) ... 23
Distributive Studies Approved Courses ... 24, 25
Drop Period Policy (See Adding/Dropping) ... 23
Foreign Language Placement ... 23
Full-Time Status ... 23
Major Changes ... 24
Pass-Fail Grading Option — U.G. Students Only ... 24
Requirements for Satisfactory Academic Progress ... 23
U.G. Student Classifications ... 24
University Studies Program ... 24
Zero Level Courses ... 24
WHAT'S NEW AND INTERESTING ... 28, 29
COURSE LISTINGS ... 30-74
CAMPUS MAP ... 41

Services Available During Registration

Disabled Student Services

Provisions are available for special assistance for students with disabilities. For further information contact the Disabled Student Services Office on x5028 (voice) or x5029 (Tdd).

Name and Address Changes

It is important to keep the University informed of accurate address and name information. This is necessary to insure receipt of University information and materials in a timely fashion. See page 14 for further procedures.

Off-Campus Housing Service

The Office of Commuter Affairs provides a free listing and referral service for all students, faculty and staff of the University who are seeking housing or have a property to rent. The office is located in 1195 Stamp Student Union and is open Monday-Friday, 8:30 a.m.-4:30 p.m. Extension X3645.

ATTENTION:

NEW PASS-FAIL GRADING OPTION POLICY FOR FALL 1988 REGISTRATION. SEE PAGE 24.

University Calendar 1987-88

Spring Semester 1988

JANUARY
25 —Monday — FIRST DAY OF CLASSES

FEBRUARY
5 —Friday — LAST DAY TO SUBMIT DIPLOMA APPLICATIONS FOR MAY 1988 GRADUATION TO THE REGISTRATIONS COUNTER, LOBBY, NORTH ADMINISTRATION
15 —Monday — **DOCTORAL STUDENTS.** DEADLINE FOR SUBMITTING FORM REQUESTING APPOINTMENT OF DOCTORAL EXAMINING COMMITTEE TO THE GRADUATE SCHOOL

MARCH
4 —Friday — **MASTER'S STUDENTS.** DEADLINE FOR SUBMISSION OF THE FOLLOWING MATERIALS TO THE GRADUATE SCHOOL: APPROVED PROGRAM FORM; MASTER'S THESIS EXAMINING COMMITTEE FORM
14-20 —Monday-Sunday — SPRING RECESS

APRIL
27 —Wednesday — **DOCTORAL STUDENTS.** DEADLINE FOR SUBMISSION OF THE FOLLOWING MATERIALS TO THE GRADUATE SCHOOL: TWO FINAL, ACCEPTABLE COPIES OF THE COMPLETED DISSERTATION; THE SIGNED DOCTORAL ORAL EXAMINING COMMITTEE REPORT; DOCTORAL SURVEY; MICROFILM CONTRACT

MAY
4 —Wednesday — **MASTER'S STUDENTS.** DEADLINE FOR SUBMISSION OF THE FOLLOWING MATERIALS TO THE GRADUATE SCHOOL: THE SIGNED THESIS EXAMINING COMMITTEE REPORT; ONE FINAL, APPROVED COPY OF THE MASTER'S THESIS OR FORM CERTIFYING NON-THESIS OPTION
12 —Thursday — LAST DAY OF CLASSES
13 —Friday — EXAM STUDY DAY
14-21 —Saturday-Saturday — FINAL EXAMINATIONS
24 —Tuesday — COMMENCEMENT
30 —Monday — MEMORIAL DAY HOLIDAY

Summer Sessions 1988

MAY
30 —Monday — MEMORIAL DAY HOLIDAY
31 —Tuesday — FIRST DAY OF CLASSES, SUMMER SESSION I

JULY
4 —Monday — INDEPENDENCE DAY HOLIDAY
8 —Friday — LAST DAY OF CLASSES, SUMMER SESSION I
11 —Monday — FIRST DAY OF CLASSES, SUMMER SESSION II
15 —Friday — LAST DAY TO SUBMIT DIPLOMA APPLICATIONS FOR AUGUST 1988 GRADUATION TO REGISTRATIONS COUNTER, LOBBY, NORTH ADMINISTRATION
22 —Friday — **MASTER'S STUDENTS:** DEADLINE FOR SUBMISSION OF THE FOLLOWING MATERIALS TO THE GRADUATE RECORDS OFFICE: APPROVED PROGRAM FORM; NOMINATION OF THESIS COMMITTEE FORM.

AUGUST
10 —Wednesday — **DOCTORAL STUDENTS:** DEADLINE FOR SUBMISSION OF THE FOLLOWING MATERIALS TO THE GRADUATE RECORDS OFFICE: TWO FINAL, ACCEPTABLE COPIES OF THE COMPLETED DISSERTATION; THE ORIGINAL SIGNED REPORT OF THE ORAL EXAMINING COMMITTEE; SURVEY OF EARNED DOCTORATES; UMI MICROFILM CONTRACT; UMI/UMCP AGREEMENT.
15 —Monday — **MASTER'S STUDENTS:** DEADLINE FOR SUBMISSION OF THE FOLLOWING MATERIALS TO THE GRADUATE RECORDS OFFICE: THE ORIGINAL SIGNED REPORT OF THE ORAL EXAMINING COMMITTEE; TWO FINAL ACCEPTABLE COPIES OF THE MASTER'S THESIS *OR* CERTIFICATE OF COMPLETION OF MASTER'S DEGREE WITHOUT THESIS.
19 —Friday — LAST DAY OF CLASSES, SUMMER SESSION II
25 —Thursday — DATE OF AUGUST DIPLOMA

Fall Semester 1988

SEPTEMBER
5 —Monday — LABOR DAY HOLIDAY
6 —Tuesday — FIRST DAY OF CLASSES
12 —Monday — ROSH HASHANAH
19 —Monday — **ALL UNDERGRADUATE AND GRADUATE STUDENTS.** LAST DAY TO SUBMIT DIPLOMA APPLICATION FOR DECEMBER 1988 GRADUATION TO THE REGISTRATIONS COUNTER, LOBBY, NORTH ADMINISTRATION.
21 —Wednesday — YOM KIPPUR
26 —Monday — **DOCTORAL STUDENTS:** DEADLINE FOR SUBMITTING NOMINATION OF DISSERTATION COMMITTEE FORM TO THE GRADUATE RECORDS OFFICE FOR DECEMBER 1988 COMMENCEMENT.

OCTOBER
17 —Monday — **MASTER'S STUDENTS.** DEADLINE FOR SUBMISSION OF THE FOLLOWING MATERIALS TO THE GRADUATE RECORDS OFFICE FOR DECEMBER 1988 COMMENCEMENT: APPROVED PROGRAM FORM; NOMINATION OF THESIS COMMITTEE FORM.

NOVEMBER
24-27 —Thursday-Sunday — THANKSGIVING RECESS

DECEMBER
1—Thursday — **DOCTORAL STUDENTS.** DEADLINE FOR SUBMISSION OF THE FOLLOWING MATERIALS TO THE GRADUATE RECORDS OFFICE FOR DECEMBER 1988 COMMENCEMENT: TWO FINAL, ACCEPTABLE COPIES OF THE COMPLETED DISSERTATION; THE ORIGINAL SIGNED REPORT OF THE ORAL EXAMINING COMMITTEE; SURVEY OF EARNED DOCTORATES; UMI MICROFILM CONTRACT; UMI/UMCP AGREEMENT.
7 —Wednesday — **MASTER'S STUDENTS.** DEADLINE FOR SUBMISSION OF THE FOLLOWING MATERIALS TO THE GRADUATE RECORDS OFFICE FOR DECEMBER 1988 COMMENCEMENT: THE ORIGINAL SIGNED REPORT OF THE ORAL EXAMINING COMMITTEE; TWO FINAL ACCEPTABLE COPIES OF THE MASTER'S THESIS *OR* CERTIFICATE OF COMPLETION OF MASTER'S DEGREE WITHOUT THESIS.
13 —Tuesday — LAST DAY OF CLASSES
14 —Wednesday — EXAM STUDY DAY
15-22 —Thursday-Thursday — FINAL EXAMINATIONS
23 —Friday — COMMENCEMENT

SEPTEMBER 19th IS THE LAST DAY TO:
- **ADD A COURSE**
- **DROP A COURSE (WITHOUT A "W")**
- **CHANGE CREDIT LEVEL**
- **CHANGE GRADING OPTION**
- **APPLY FOR A DECEMBER 1988 DIPLOMA**
- **PROCESS A LATE REGISTRATION**

IF YOU FIND THE PRINT IN THE SCHEDULE OF CLASSES DIFFICULT TO READ THE FOLLOWING RESOURCES ARE AVAILABLE ON CAMPUS:

HORNBAKE LIBRARY INFORMATION DESK — ASK FOR MAGNIFICATION LENS

HORNBAKE LIBRARY STUDY ROOM FOR THE VISUALLY IMPAIRED — (IN PERIODICAL ROOM, 2nd FLOOR) VISUALTEK MACHINE (MAGNIFIES PRINT) IS AVAILABLE. TO OBTAIN AUTHORIZATION FOR THE KEY TO ROOM CALL DISABLED STUDENT SERVICES, 454-5028.

SHOEMAKER BUILDING — VISUALTEK MACHINE IS AVAILABLE FROM DISABLED STUDENT SERVICES. STAFF ALSO OFFERS READING ASSISTANCE. CALL THEIR OFFICE AT 454-5028 FOR INFORMATION.

Ad Council

LEARN HOW TO JUMP-START A LIFE.

Learn Red Cross CPR.

American Red Cross

University of Maryland's

help CENTER

454—HELP

The HELP Center is the University of Maryland's hotline. More than 12,000 times a year, the phone rings and a HELP Center volunteer responds. We also receive close to one walk-in per day, on an average. The HELP Center is an all volunteer organization: between 30 and 50 volunteers each cover a weekly 4-hour shift on the phones. Professional back-up is available to us through the University's Counseling Center. The HELP Center is non-profit and is funded through the Student Activities Fee. Services we provide include

- **Telephone Counseling**
- **Walk-in Counseling**
- **TDD**
- **Information and Referrals**
- **Pregnancy Testing**
- **Crisis Intervention**
- **Workshops**

****

VOLUNTEER TRAINING

Twice a year, the HELP Center offers some of the most intensive communication and counseling training available to hotline volunteers in the D.C. metro area. We employ an experiential "learning by doing" approach, with an emphasis on self-understanding as a means of making contact with callers. Mandatory attendance of each segment is required in order to become a HELP Center volunteer. Training consists of:

Introductory Meeting
Interview
Group Dynamics Night
Weekend I
Weekend II
OJT (On-the-Job-Training)

"HELPING OTHERS HELP THEMSELVES"

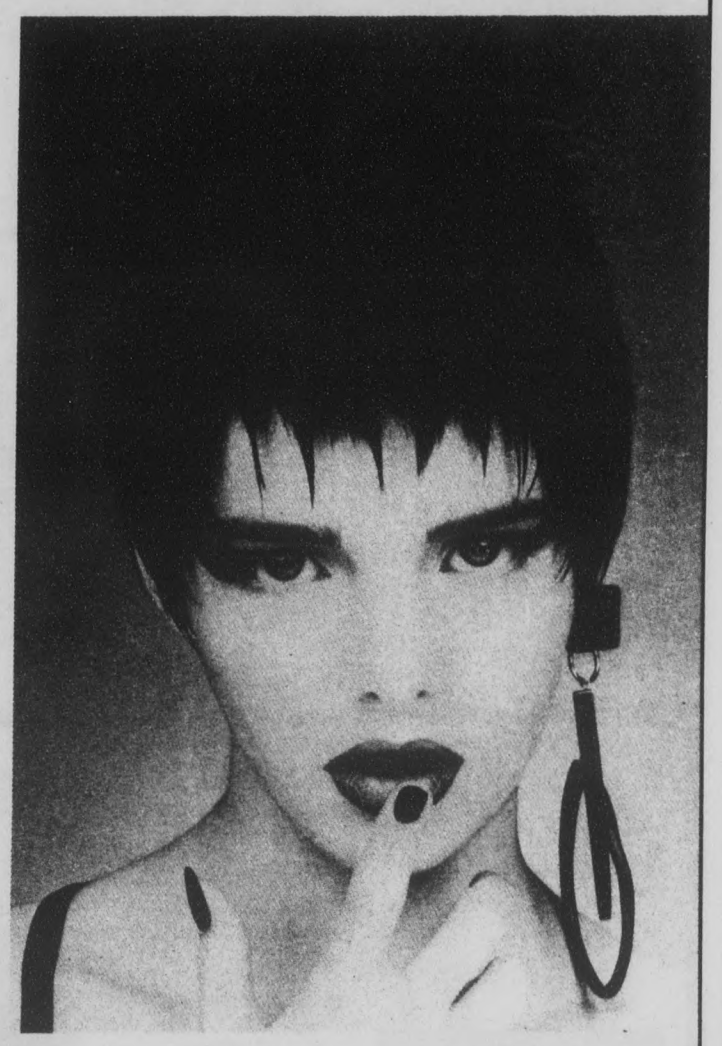
★ ADVERTISING DIRECTORY ★

ADVERTISER	PHONE #	PAGE
AIR FORCE-ROTC	454-3245	76
ARMAND'S	474-3800	78
BANANA'S, INC.	277-4500	3
BETHESDA CINEMA 'N DRAFT HOUSE	656-3337	4
CAMPUS RECREATION SERVICES	454-3124	5
DELUXE BUDGET INN	474-0003	4
DOMINO'S PIZZA	277-9540	77
Dr. STANLEY BRAGER	927-2500	4
EARL'S PHILLY HOAGIES	474-0102	4
EXCEL SECRETARIAL SERVICES	596-3114	4
FAMISHED FANNY'S	474-2333	79
FOOD COOP	454-5868	40
GOODFRIEND TEMPORARIES	982-7030	4
GOURMET INTERNATIONAL	699-9444	4
GREENWICH WOODS APARTMENTS	434-0025	13
HELP CENTER	454-HELP	3
ITALIAN INN	772-2100	5
KINKO'S	277-7543	79
MARYLAND BOOK EXCHANGE	927-2510	80
OAKTON APARTMENTS	434-4303	15
OLDE MILL LANDING	572-4600	77
PARTY PALACE	572-7976	4
PEGGY'S FLOWER BOX	441-9203	4
PLAZA TOWERS	559-9100	5
PURPLE PIZZA SHOPPE	864-7900	4
STAMP UNION	454-2807	17
STAMP UNION PROGRAM COUNCIL	454-4987	76
STANLEY H. KAPLAN	244-1456	13
STUDY ABROAD OFFICE	454-8645	74
SUBWAY	864-1311	4
THE WINNING TOUCH	441-8502	4
UNITED PARCEL SERVICE	596-1609	77
UNIVERSITY BOOK CENTER	454-3225	1
UNIVERSITY CITY APARTMENTS	434-2414	79
WASHINGTON CAPITALS	386-7080	78
YOGURT JUNGLE	441-3533	5

FOR ADVERTISING INFORMATION
PLEASE CALL RISA SEILER
454-4168

WHERE QUALITY DOESN'T COST ALOT!

BANANAS INCORPORATED



HAIR DESIGN
277-4500

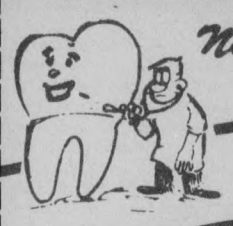
7417 BALTIMORE BLVD
COLLEGE PARK, MD

$10.00 off
any pair of Aerobic or High Top Basketball Shoes
This coupon not valid with any other offer
Expires Dec. 31, 1988

Danskin Tights Buy 1 Get 1 Free
This coupon not valid with any other offer
Expires Dec. 31, 1988

GET THE TOUCH . . .
THE WINNING TOUCH
"The finest in athletic sportswear"
In the new Campus Village Center, next to the famous College Park Liquors
Choose from Adidas, Asahi, Asics-Tiger, Avia, I Ski, Keds, Nike, New Balance, Pony, Puma, Sancony, Spot-Bilt, Converse & Le Coq Sportif! Reebok, Fila, Ellesse, Champion Shoes & Sweats, Danskin Aerobicwear and much more.
Phone 301-441-8502
Open 7 Days a Week

RED ROSES $24.95 per dozen.
OTHER ROSES $29.95 per dozen
There doesn't have to be a reason . . .
Ask about our Student Discount
Peggy's Flower Box
4930 Edgewood Rd.
College Park
WE DELIVER 441-9203


New Location!
Professional Dental Cleaning, Exam and Two Bitewings only $25 (catering to cowards) Regularly $48
Yes . . . We Care
DR. STANLEY BRAGER
7305 Baltimore Ave., Suite 204
College Park, MD 20740
Conveniently located
2 Blocks south of Univ. of Md.
927-2500
FEATURING
- Special plans for those without insurance
- All dental insurance plans
- Twilite sleep
- Laughing gas
- Cosmetic bonding

Evening and Saturday Hours Available

BETHESDA CINEMA 'N' DRAFTHOUSE
2 for 1 Admission
Sunday–Thursday
Showing current movie features every night at matinee prices
Serving beer, wine, & deli style food during each feature
Must be 21 with proper I.D. to enter.
Two Admissions for the Price of One.
Expires June 30, 1988
7719 Wisconsin Avenue Bethesda, Maryland 656-3337

EXCEL SECRETARIAL SERVICE
Telephone Number Monday & Wednesday 454-2843 (ask for Pat)
Leave Message 596-3114
FREE Pick up and Delivery on Campus
- Word Processing — Word Perfect — Multimate
- Letters — Mail Merge
- Mailing Labels and Lists
- Manuscripts — Thesis — Dissertations

8½ by 11 Page Double Spaced
$2.00 per page

The Fresh Alternative
SUBWAY Sandwiches & Salads
7411 BALTIMORE BLVD. COLLEGE PARK, MD
864-1311
Delivery 12 Noon to 12 Midnight
Free Delivery with $10.00 Order. $1.00 Charge for Small Orders.
75¢ Off Regular Footlong Sub
or
$1.25 Off Super Footlong Sub
Not Valid With Any Other Offer
Valid Only at College Park Subway
Expires April 30, 1988

Call ahead for pick-up orders
Gourmet International
WINE, CHEESE, BEER HEADQUARTERS
Gourmet Foods, Party Planning
A great selection of daily specials. Check us out!
7356 Baltimore Avenue College Park, Maryland 699-9444
Gourmet coldcut sandwich $1.99 with coupon Expires 4/30/88
Bar-B-Q Beef Sandwich $1.99 with coupon Expires 4/30/88
Strombolis Sausage, Gourmet or Broccoli $1.99 with coupon Expires 4/30/88

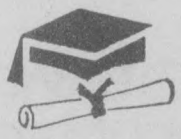
PURPLE PIZZA
A Large Neopolitan Pizza with two generous toppings

$8.00
864-7900
Free Delivery
11:00AM-Midnight

DELUXE BUDGET INN
Tel: 474-0003
10% off
- New Rooms (King Bed)
- Color TV w/Remote
- AM/FM Radio
- Cable

DIRECTIONS:
I-95 to Exit 25-B
on US Rte. 1
College Park, MD
★ Receive 10% off with this coupon
★ Good Sun. through Tues.
★ Expires April 28, 1988

Not scheduled for class today?
We can keep you busy.
Goodfriend TEMPORARY SERVICES
The name you can trust when you need temporary word processing, secretarial, receptionist, data entry, accounting, clerical and light industrial work.
Wheaton 933-3100
Rockville 230-0492
Greenbelt 982-7030
Gaithersburg 977-5858

PARTY PALACE
572-7976
Calverton Center
I-95 & Powder Mill
Beltsville
Party Supplies For All Occasions
Weddings, Showers, Birthdays, Anniversaries, Luaus, Retirement, and Graduation
Balloons, Plates, Napkins, Theme Decorations, Pinatas, Party Favors & Printed Stationery
$2 OFF Any Purchase (Of $10 Or More)

$1 OFF One Dozen Latex Helium Balloons (Regular As Low As $7.80)

EARL'S PHILLY HOAGIES
12 & 14 Inches
Now Introducing Philadelphia Cheesesteaks
FRESH CUT BEEF — NO STEAK-UMS!
50¢ Off 12″ OR 75¢ off 14″
For Delivery Call 474-0102
8145 Baltimore Blvd.
College Park, Md.
20740
Expires April 30th, 1988

CAMPUS RECREATION SERVICES

AEROBICS
BADMINTON
BASKETBALL
BOWLING
CROSS COUNTRY
DIVING
FENCING
FLAG FOOTBALL
FLOOR HOCKEY
FREE THROW SHOOTING
GOLF
HANDBALL
HOME RUN DERBY
HORSESHOES
ICE HOCKEY
MARTIAL ARTS
RACQUETBALL
RUGBY
SAILING
SOCCER
SOFTBALL
SWIMMING
TABLE TENNIS
TRACK & FIELD
TRAIL EXPEDITIONS
TENNIS
ULTIMATE FRISBEE
BOLLEYBALL
WATER POLO
WEIGHTLIFTING
WRESTLING

SOMETHING FOR EVERYONE!

FOR INFORMATION:
1104 RECKORD ARMORY
454-3124

CAMPUS RECREATION SERVICES
The University of Maryland

For the Finest and Freshest Food in Maryland . . .

Yogurt Jungle
JUNGLE TERP
C·O·L·L·E·G·E P·A·R·K

EXCLUSIVE!
TASTI D-LITE
ONLY 10 CALORIES PER OZ.
OVER 80 FLAVORS!

TRY OUR
JUNGLE JUMBLE
HAVE LIMITED TOPPINGS
MIXED INTO YOUR YOGURT!

Everything Made Fresh Daily!

The Best Chicken Salad on the East Coast
Everybody Wants Some!

EAT IN OR CARRY OUT
PHONE ORDERS ACCEPTED
(For Faster Service Call Before 11 a.m.)
Campus Village Center
Route 1
College Park
Located Behind Town Hall Liquor
Across from McDonald's
— OPEN LATE —
441-3533

FREE TOPPINGS
Yogurt Jungle
JUNGLE TERP
1 FREE Large Soda with the Purchase of any Sandwich or Salad of $3.00 or more
This Coupon Not Valid W/Any Other Offer
1 Coupon Per Customer Per Visit
SOHO Not Included
Expires May 31, 1988

plaza towers apartments

NEWLY RENOVATED!

Located just minutes from the University of Maryland, with shuttle bus service to the front door, Plaza Towers offers convenience and luxury at extremely affordable prices, with efficiencies **$475,** one-bedrooms **$560,** and two-and three-bedrooms at comparable savings.

Rent includes all utilities. Other special features include: individually-controlled heat and air conditioning, luxury kitchen with dishwasher and disposal, balcony or patio, 24-hour secretarial service, cable T.V., free off-street parking, large swimming pool and tennis courts, party room, walking distance to Prince George's Plaza, and a convenient Metrobus stop at the front door.

*All rents subject to change.

Rental Office: 6700 Belcrest Road
Hyattsville, Maryland
559-9100

Open Weekdays 9-5
Saturday by Appointment

Italian-American Cuisine

Delicious Pizza

Banquet & Party
Facilities Available

COCKTAIL LOUNGE

PACKAGE STORE

CARRY-OUT

Reservations or Take-Out
772-2100
6221
ANNAPOLIS RD.

the Italian Inn

Rt. 450, Across from Capital Plaza
Shopping Center

Undergraduate Registration Procedures

All eligible undergraduate students will be mailed registration appointments for Fall 1988. Appointment times will be based on student credit level and scheduled between April 4 and May 10, 1988.

ALL STUDENTS ARE ENCOURAGED TO TAKE ADVANTAGE OF THIS OPPORTUNITY.

Students participating in this system will have the best opportunity to obtain their Fall 1988 course schedule.

Don't wait — All courses will be filled to 100% of course capacity.

Students who owe money to the University are not eligible to register until they clear their account. To become eligible to register at your appointment time, obtain a bill clearance from the Bursar's Office, Room 1103, South Administration, prior to your appointment.

The following steps should be completed at least one week prior to your appointment date.

REGISTRATION STEPS

STEP 1 — Go to your department location as indicated in your letter, according to the dates in your letter. Beginning March 21, 1988, unofficial transcripts and registration materials will be available at all department locations.

Students who were Academically Dismissed or on Academic Warning at the end of the Fall 1987 semester are required to have advisement prior to their registration appointment. Your registration form must have your department stamp in the advising box as proof of advisement.

Advisement is **mandatory,** prior to your appointment for students in:

— College of Agriculture
— School of Architecture
— College of Computer, Mathematical & Physical Sciences
— College of Engineering
— College of Human Ecology
— College of Life Sciences
— I.E.D. Program
— Student Athletes

Advisement is also mandatory for students lacking fundamental studies requirement. See page 24 for policy.

In addition to the above other Colleges and majors may have mandatory advisement. Check your appointment letter for specific requirements.

It is recommended that students set up appointments to see their advisors as early as possible.

STEP 2 — Review course listings for restrictions. Some courses are restricted. All course restrictions are indicated with the course in the COURSE LISTING section of this SCHEDULE OF CLASSES. See page 30, HOW TO READ COURSE LISTINGS, for information. Courses with (PermReq) to the left of the course listing indicates permission is required prior to registering for the course. Read the entire course listing for other restrictions. Some courses are open to majors only, others have GPA or cumulative credit requirements. Read course listings carefully to determine if the course is restricted. Students planning to request restricted courses must go to the department offering the course for authorization, unless the course is listed as "Majors Only" and the student is officially listed as a major in that department. (In that case it is not necessary for the student to obtain authorization.) Students should be sure they have authorization prior to their registration appointment time.

OTHER RESTRICTIONS:

1) 19 Credit Limit — To register for more than 19 credits, students must have written approval of their Dean.
2) Undergraduates Requesting Graduate Level Courses — Students must have written approval of their Dean.
3) Time conflicts are not permitted. Exceptions to this policy require written approval of student's Dean.
4) Undergraduates requesting Pass / Fail grading method — See page 24 for policy.

STEP 3 — Complete Undergraduate Schedule Request Form prior to appointment date and time. Make sure you are eligible for all courses requested.

STEP 4 — Go to Room 1130, North Administration Building, at the day and time of your assigned appointment.

ATTENTION: GRADUATING SENIORS — DECEMBER DEGREE CANDIDATES

If you wish to register for Fall 1988, **make your appointment early.** Beginning March 31, call 454-7950 to schedule an appointment. NOTE: Prior to March 31 this is not a working number.

Students may continue to register and drop/add in the Registration Center, Room 1130, North Administration. See Registration and Schedule Adjustment Calendar for dates and hours of registration.

Registration & Schedule Adjustment Calendar

MARCH 21	**Begin advising and picking up materials at department.**
APRIL 4-MAY 10	**Undergraduate students register by appointment according to credit level.**
APRIL 4-AUGUST 12	**Graduate students register by mail.**
MAY 16-AUGUST 31	**Registration and schedule adjustment (drop/add) walk-in 9:00-11:30 a.m. & 1:00-4:00 p.m.**
SEPTEMBER 1, 2, 6 & 7	**Registration and schedule adjustment (drop/add) BY APPOINTMENT ONLY. Call 454-7950 for an appointment.**
SEPTEMBER 5	**Office closed — Labor Day Holiday**
SEPTEMBER 6 & 7	**Registration and schedule adjustment (drop/add) BY APPOINTMENT ONLY. Call 454-7950 for an appointment. Begin Late Registration ($20.00 fee).**
SEPTEMBER 8-19	**Continue Late Registration ($20.00 fee) and schedule adjustment (drop/add) walk-in 9:00-11:30 a.m. & 1:00-4:00 p.m.**

NOTE: 454-7950 is not a working number prior to March 31st

Graduate Student Registration Procedures

ATTENTION GRAD STUDENTS — MAIL-IN REGISTRATION PROCESS AVAILABLE

GENERAL INFORMATION

ALL GRADUATE STUDENTS ARE ENCOURAGED TO TAKE ADVANTAGE OF THE MAIL-IN REGISTRATION PROCEDURE. EARLY REGISTRATION WILL BE HELD FROM **APRIL 14, 1988 THROUGH AUGUST 12, 1988.** EACH DEPARTMENT/PROGRAM WILL CONTROL THE DISTRIBUTION OF MATERIALS FOR GRADUATE STUDENTS.

Your department/program has indicated their requirements in the Graduate Registration Procedure Chart on page 8. Please review this information carefully and follow the instructions associated with your department. Questions may be addressed to the department/program office or Graduate School (454-4004).

Currently enrolled graduate students will receive a postcard notifying them about registration procedures. Financially ineligible graduate students must adhere to the following procedures prior to registration:

1. Complete bill payment at the Bursar's office, Room 1103 South Administration Building.
2. Obtain a Financial Clearance from the Bursar's office.
3. Take the clearance to your department to pick up registration materials. Include copy of clearance form with schedule request form.

REGISTRATION STEPS:

STEP 1 — Review the chart below to determine departmental requirements based on status as a newly admitted or returning graduate student.
NEWLY ADMITTED: Any student receiving an admission letter from the Graduate School for Fall 1988.
RETURNING STUDENT: Any student admitted to a Graduate program prior to and including Spring 1988, and currently eligible to register.

STEP 2 — If advising is mandatory, or needed, contact the department to arrange an appointment. If no advising is required, student must contact the department about distribution of schedule request form and transcript.

STEP 3 — Review course listings for restrictions. Some courses are restricted. All course restrictions are indicated with the course in the COURSE LISTING section of this SCHEDULE OF CLASSES. See page 30, HOW TO READ COURSE LISTINGS, for information. Courses with (PermReq) to the left of the course listing indicates permission is required prior to registering for the course. Read the entire course listing for other restrictions. Some courses are open to majors only, others have GPA or cumulative credit requirements. Read course listings carefully to determine if the course is restricted. Students planning to request restricted courses must go to the department offering the course for authorization, unless the course is listed as "Majors Only" and the student is officially listed as a major in that department. (In that case it is not necessary for the student to obtain authorization.) Students should be sure they have authorization prior to their registration appointment time.

STEP 4 — Complete Graduate Schedule Request Form and return it to the department or to the Registrations Office, as indicated in the Graduate Registration Procedure Chart on the following page.

NOTE: If the department permits, students may return the form directly to the Registrations Office by mail:
Registrations Office
Room 1130
North Administration Building
College Park, Maryland 20742
or in person. (See Registration and Schedule Adjustment Calendar, page 6, for specific dates and times.)

STEP 5 — Confirmation of Fall 1988 schedules will be mailed to students according to the following schedule.

BILLING INFORMATION

Course Request received	*Schedule, Bill and Registration Card sent:*
Through July 16	July 18
July 18-August 19	August 22

Continuous Registration

(Doctoral Students Only)
Following advancement to candidacy by the Graduate Council for the doctoral degree, every graduate student must register each fall and spring semester until the degree is awarded. Contact the Office of Graduate Studies and Research for more complete information (454-5438).

Graduate Student Refund Schedule for Dropping Courses

Graduate students are charged by the credit hour. A percentage charge and/or complete charge for the course may be imposed if the deadlines indicated below are not followed.

1. September 2 and earlier (prior to the first day of classes).....100% refund
   There will be no charge for courses *dropped* by this date.
2. September 6-12 (first five days of classes).....80% refund
   There will be a 20% charge imposed for courses *dropped* during this period.
3. September 13 and after.....0% refund
   Student will incur full charge for courses *dropped* during this period.
4. September 20 and after: a $2.00 charge is imposed for *each* drop processed (to be billed).

Students who wish to drop one course and add another at the same credit level must accomplish both transactions on the *same* day to insure additional charges are not imposed.

Refer to Summary of Fall Semester Deadlines for other important dates.

Graduate Students — Summary of Fall Semester 1988 Deadlines

August 12 ..... Last day for mail-in registration
September 5 ..... Labor Day Holiday
September 6 ..... First Day of Classes
September 6 ..... Late Registration Begins through September 19
September 19 ..... Last day to submit applications for the December 1988 Commencement to the Registrations Counter, North Administration
September 26 ..... DOCTORAL STUDENTS: deadline for submitting Nomination of Dissertation Committee form to the Graduate Records Office for December 1988 Commencement
October 17 ..... MASTER'S STUDENTS: deadline for submission of the following materials to the Graduate Records Office for December 1988 Commencement:
— Approved program form
— Nomination of Thesis Committee form
November 14 ..... Last day to drop a course
December 1 ..... DOCTORAL STUDENTS: deadline for submission of the following materials to the Graduate Records Office for December 1988 Commencement:
— Two final, acceptable copies of the completed dissertation
— The original signed Report of the Oral Examining Committee
— Survey of Earned Doctorates
— UMI Microfilm Contract
— UMI/UMCP Agreement
December 7 ..... MASTER'S STUDENTS: deadine for submission of the following materials to the Graduate Records Office for December 1988 Commencement:
— The signed signed Report of the Oral Examining Committee
— Two final aceptable copies of the master's thesis OR Certificate of Completion of Master's Degree Without Thesis
December 13 ..... Last day of classes
December 23 ..... COMMENCEMENT

Attention Thesis and Dissertation Students

The Office of Graduate Studies and Research has prepared a new handbook to assist graduate students in the preparation of masters theses and doctoral dissertations. The handbook is available in the Graduate Academic Records Office, 2117 South Administration. All graduate students preparing a thesis or a dissertation are required to follow the format requirements outlined in this booklet. Comments and suggestions for improving the presentation of the guidelines are welcome and encouraged.

As of July 1, 1987, the Office of Graduate Studies and Research instituted a formal thesis and dissertation format review procedure. All graduate students writing a thesis or dissertation are required to have that thesis or dissertation inspected and approved by the Graduate Student Affairs Office. Theses and dissertations which do not meet the expected minimum standards, as outlined in the handbook, will not be accepted, thus graduation may be delayed. Details about these requirements may be obtained in the Graduate Academic Records Office, 2117 South Administration Building.

Graduate Registration Procedure Chart

DEPARTMENT/PROGRAM	LOCATION	STUDENT STATUS			
		Newly Admitted Students		Returning Students	
		Advising	Return completed Forms to:	Advising	Return completed Forms to:
ADVP Animal Sciences	4149 Animal Sci Center	Mandatory	Registrations Office	Mandatory	Registrations Office
AEED Agricultural & Extension Education	0200 Symons Hall	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
AGRO Agronomy	1109 H. J. Patterson	Mandatory	Registrations Office	Mandatory	Registrations Office
AMST American Studies	2140 Taliaferro	Mandatory	Registrations Office	Optional	Registrations Office
ANTH Anthropology	1115 Woods Hall	Mandatory	Department	Mandatory	Department
ARCH Architecture	1298 Architecture	Mandatory	Registrations Office	Optional	Registrations Office
AREC Agricultural & Resource Economics	2210 Symons Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
ARTS Art History	1211 Art/Socy	Mandatory	Registrations Office	Mandatory	Registrations Office
ARTS Art Studio	1211 Art/Socy	Optional	Registrations Office	Optional	Registrations Office
ASTR Astronomy	0205 Space Sci	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
BCHM Biochemistry	1320 Chemistry	at Orientation	at Orientation	Mandatory	Department
BMGT/LMBA/MS Business and Management	3104 Tydings	MBA: permission of Director MS: see faculty advisor or Director		MBA: Optional MS: Optional	Department Department
	PhD: 0139 Tydings	PhD: at Orientation		PhD: Optional	Department
BMPM Business/Public Affairs	See BMGT and MAPM	N/A	N/A	N/A	N/A
BOTN Botany	1223 H. J. Patterson	at Orientation	Registrations Office	Optional	Registrations Office
CHEM Chemistry	1320 Chemistry	at Orientation	at Orientation	Mandatory	Department
CHPH Chemical Physics	1126 Physics Bldg	Optional	Registrations Office	Optional	Registrations Office
CLAS Classics	4220 Jimenez	Mandatory	Registrations Office	Optional	Registrations Office
CMLT Comparative Literature	4220 Jimenez	Mandatory	Registrations Office	Mandatory	Registrations Office
CMRT Communication Arts & Theatre	1146 Tawes	Mandatory	Registrations Office	Mandatory	Registrations Office
CMSC Computer Science	2309 Computer Sci	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
CRIM Criminal Justice & Criminology	2220 LeFrak Hall	at Orientation	at Orientation	Optional	Registrations Office
DAIR Dairy Science	4149 Animal Sci Center	N/A	N/A	Mandatory	Registrations Office
ECON Economics	3115L Tydings	Mandatory	Department	Optional except 799/899	Department
EDCI Curriculum and Instruction	2311 H. R. Benjamin	Mandatory	Registrations Office	Optional	Registrations Office
EDCP Counseling and Personnel Services	3214 H. R. Benjamin	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
EDHD Human Development	3304 H. R. Benjamin	Mandatory	Registrations Office	Optional	Registrations Office
EDIT Industrial, Technological and Occupational Education	3216 J. M. Patterson	Mandatory	Registrations Office	Mandatory	Registrations Office
EDMS Measurement, Statistics and Evaluation	4107 H. R. Benjamin	Optional	Registrations Office	Optional	Registrations Office
EDPA Policy, Planning and Administration	2110 H. R. Benjamin	Optional	Registrations Office	Optional	Registrations Office
EDSP Special Education	1304 H. R. Benjamin	Mandatory	Registrations Office	Optional	Registrations Office
ENAE Aerospace Engineering	0151 Engr Classroom Bldg	Mandatory	Department	Mandatory	Registrations Office
ENAG Agricultural Engineering	1130 Shriver Lab	Mandatory	Registrations Office	Mandatory	Registrations Office
ENCE Civil Engineering	1179 Engr Classroom Bldg	Optional	Registrations Office	Optional	Registrations Office
ENCH Chemical Engineering	2115 Chem Engr Bldg	Mandatory	Department	Mandatory	Department
ENEE Electrical Engineering	3181 Engr Classroom Bldg	Optional	Registrations Office	Optional	Registrations Office
ENGL English	1141 Taliaferro	Optional	Registrations Office	Optional	Registrations Office
ENMA Engineering Materials	2115 Chem Engr Bldg	Mandatory	Department	Mandatory	Department
ENME Mechanical Engineering	2166 Engr Classroom Bldg	Mandatory	Registrations Office	Mandatory	Registrations Office
ENNU Nuclear Engineering	2309 Chem Engr Bldg	Optional	Registrations Office	Optional	Registrations Office
ENTM Entomology	1300 Symons Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
FDSC Food Science	1122A Holzapfel	Mandatory	Registrations Office	Mandatory	Registrations Office
FMCD Family and Community Development	1204 Marie Mount	Optional	Registrations Office	Optional	Registrations Office
FNIA Food, Nutrition and Institutional Administration	3304 Marie Mount	Mandatory	Department	Mandatory except 799/899	Registrations Office
FRIT French Language and Literature	3106D Jimenez	Mandatory	Registrations Office	Mandatory	Registrations Office
GEOG Geography	1163 LeFrak Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
GELS Geography/Library Science	See GEOG & LBSC	N/A	N/A	N/A	N/A
GEOL Geology	1115 Geology Bldg	Mandatory	Registrations Office	Mandatory	Registrations Office
GERS Germanic Language and Literature	3215 Jimenez	Mandatory	Registrations Office	Mandatory	Registrations Office
GRAD Advanced Special Student	2117 South Admin	Not Required	Registrations Office	Not Required	Registrations Office
GVPT Government & Politics	2181 LeFrak Hall	at Orientation	at Orientation	Optional	Registrations Office
HESP Hearing and Speech Sciences	0100 LeFrak Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
HILS History/Library and Information Services	see LBSC	N/A	N/A	N/A	N/A
HIST History	2117 Francis Scott Key	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
HLTH Health Education	2387 PERH Bldg	at Orientation	at Orientation	Optional	Registrations Office
HORT Horticulture	1122 Holzapfel	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
JOUR Journalism	2109 Journalism	Mandatory	Registrations Office	Mandatory	Registrations Office
LBSC Library and Information Services	4110 Hornbake	Mandatory	Department	Mandatory	Department
LING Linguistics	1107 Mill Bldg	Mandatory	Registrations Office	Optional	Registrations Office
LMBA Business/Law Combined	3104 Tydings	see admit letter		Mandatory	Department
LMPM Public Management/Law Combined	See MAPM	N/A	N/A	N/A	N/A
MAPL Applied Mathematics	1112 Math Building	by appointment	at appointment	Optional	Department
MAPM Public Management	1218 LeFrak Hall	Mandatory	Department	Mandatory	Registrations Office
MAPP Public Policy	1218 LeFrak Hall	Mandatory	Department	Mandatory	Registrations Office
MATH Mathematics	1112 Math Building	by appointment or at GA Orient	at appointment or Orientation	Optional	Department
MEES Marine-Estuarine-Environmental Sciences	0313 Symons Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
METO Meteorology	2207 Space Sci	at Orientation	Registrations Office	Mandatory except 799/899	Registrations Office
MFAT Master of Fine Arts	See CMRT	N/A	N/A	N/A	N/A
MICB Microbiology	2131 Skinner	Mandatory	Registrations Office	Mandatory	Registrations Office
MUSC Music	2110 Tawes	Mandatory	Registrations Office	Mandatory	Registrations Office
NUSC Nutritional Sciences	2145 Animal Science	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
PCOM Public Communication	2109 Journalism	Optional	Registrations Office	Optional	Registrations Office
PHED Physical Education	2351 PERH Bldg	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
PHIL Philosophy	1131 Skinner	Mandatory	Registrations Office	Mandatory	Registrations Office
PHYS Physics	1120 Physics Bldg	Mandatory	Department	Mandatory except 799/899	Registrations Office
POUL Poultry Science	3129 Animal Sci Center	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
PSYC Psychology	1147 Zoo/Psyc Bldg	Mandatory	Department	Mandatory	Department
RECR Recreation	2367 PERH Bldg	Mandatory	Department	Mandatory	Department
SOCY Sociology	2108 Art/Socy Bldg	Optional	Department	Optional	Department
SPAP Spanish Language and Literature	2215 Jimenez	Mandatory	Registrations Office	Mandatory	Registrations Office
STAT Mathematical Statistics	1112 Math Bldg	Mandatory at appointment or at GA Orient	at appointment or Orientation	Mandatory	Department
TOXI Toxicology	0313 Symons Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
TXCE Textile and Consumer Economics	2100 Marie Mount	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
URBS Urban Studies	1113 LeFrak Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
ZOOL Zoology	3210 Zoo/Psyc Bldg	Mandatory	Registrations Office	Optional	Registrations Office
INTERCAMPUS ENROLLMENT PROGRAM: UMAB, UMBC, UMES, UMUC			Graduate School at Host Campus		Graduate School at Host Campus
Intercampus Student	2125 South Admin	at Home Campus	Intercamp Form **MUST** be attached	at Home Campus	Intercamp Form **MUST** be attached

Faculty-Staff Registration Procedures

Faculty and Staff who wish to register for courses must be admitted to the University as an undergraduate or graduate student prior to registration. Follow the steps listed below:

STEP 1 — Contact department representative responsible for processing Remission of Tuition forms. Complete the forms and make sure that they are forwarded to the Personnel Office, Room 1129 South Administration Bldg., 454-6312.

DEADLINE TO SUBMIT REMISSION OF TUITION FORM FOR FALL 1988

Early Registrants — before August 19, 1988

Students who register after August 19, 1988 — Remission of Tuition form must be submitted by 3:00 p.m. of the following business day.

All forms must be submitted by September 6, 1988.

STEP 2 — Contact appropriate admissions office:

Undergraduate — North Administration Bldg. (Basement), 454-5550

Graduate — South Administration Bldg. (Second Floor), 454-3141

STEP 3 — Follow appropriate Registration Procedures:

For Undergraduate students see page 6.

For Graduate students see page 7.

Faculty/Staff are encouraged to register as early as possible.

Remission of Tuition for Faculty and Staff

Every semester an approved Authorization for Remission of Tuition form must be turned in to the College Park Personnel Services Office (Room 1129, South Administration Building) in order to receive credit on the student bill for courses taken by faculty and staff members. Usually the authorizing department will forward this form directly to the Personnel Services Office. Each faculty and staff member should check with his/her department to ascertain that the proper forms have been submitted.

Tuition waiver forms for students who registered early must be RECEIVED by campus personnel office by August 19, 1988. Students who register after August 19, 1988 must submit the Tuition Waiver Form and settle their account in full by 3:00 p.m. the following business day. ALL FORMS MUST BE SUBMITTED NO LATER THAN SEPTEMBER 6, 1988.

Published deadlines and procedures for admission, readmission or reinstatement and registration apply to University faculty and staff who wish to take courses.

Questions regarding admission? Contact Admissions Office, 454-5550.
Questions regarding registrations? Contact Registrations Office, 454-5559.
Questions regarding employee remission of tuition? Contact Staff Benefits Office, 454-6312.

Teacher's Registration

Who?

Teachers who have previously been admitted to the University of Maryland College Park Campus, either graduate or undergraduate, and who were not enrolled for Spring 1988.

Undergraduate Students — Apply for readmission at the Office of Undergraduate Admissions, lower level, North Administration Building (454-2734) where a registration form will be issued. See page 6 for Fall 1988 registration procedures.

Graduate students — Check with Graduate School, Room 2125 South Administration Building, 454-4004, to determine eligibility. See page 7 for Fall 1988 registration procedures for all Graduate Students.

Dates: April 4-August 12, 1988.

UNDERGRADUATE STUDENTS WITH QUESTIONS CONCERNING TEACHER REGISTRATION SHOULD CALL 454-2017. GRADUATE STUDENTS WITH QUESTIONS CONCERNING TEACHER REGISTRATION SHOULD CALL 454-2015.

The **FIRST EDITION** of the Schedule of Classes should be used only **DURING EARLY REGISTRATION.** As they occur, revisions will be posted on the 1st Floor of the North Administration Building.

The **SECOND EDITION** of the Schedule of Classes should be used prior to the beginning of classes. The Second Edition reflects room, time and instructor changes made to course offerings since the First Edition was printed. It shows courses and/or sections added and omits courses and/or sections deleted since the First Edition.

The University of Maryland uses an individual student's social security number as his or her identification number for University records. If you do not wish the University to use your social security number for this purpose, write the Office of Registration, North Administration Building, College Park, Maryland 20742. The University will then assign its own number to you for record keeping purposes.

The provisions of this publication are not to be regarded as an irrevocable contract between the student and the University of Maryland. Changes are effected from time to time in the general regulations, in fees, in class scheduling, and in the academic requirements.

The Consortium of Universities of the Washington Metropolitan Area

The consortium of Universities of the Washington Metropolitan Area consists of American University, The Catholic University of America, Gallaudet University, Georgetown University, George Washington University, Howard University, Marymount University, Mt. Vernon College, Trinity College, University of the District of Columbia, and the University of Maryland, College Park. Students enrolled in these institutions are able to attend certain classes at other campuses and have the credit considered "residence" credit at their own institution. Payment of tuition for courses will be made at the student's home campus. Any eligible degree seeking graduates and undergraduates may participate in this program according to the following stipulations:

a. Golden ID students are not eligible to enroll in courses through the Washington Area Consortium with waiver of fees.
b. Neither the faculty and staff tuition remission program nor the partial tuition waiver program for spouses and dependents of University of Maryland employees may be used for courses taken through the Washington Area Consortium. Students whose fees are remitted through these programs and who are interested in enrolling in courses at Consortium schools will be expected to pay for the course or courses at the appropriate College Park credit hour rate for the semester in which they enroll.

A. Procedure for UMCP Students

Eligible Graduate Students

1. Must be degree seeking.
2. Need approval of the Departmental Director of Graduate Studies.
3. No more than 25% of course credits may be taken at other consortium schools.
4. Practica, internships, workshops and similar experimental learning courses cannot be taken at other consortium schools.
5. **Comparable courses offered at UMCP may not be taken through the Consortium.**

Eligible Undergraduate Students

1. Must be degree seeking.
2. Must have junior standing (56 credits). An exception to this policy is approval for courses in Army and Navy ROTC programs.
3. Need prior written approval of the following:
   a. The student's major department.
   b. The comparable UMCP department if the course is outside the major department.
   c. The student's Dean.
4. Practica, internships, workshops and similar experimental learning courses cannot be taken at other consortium schools.
5. **Comparable courses offered at UMCP may not be taken through the Consortium.**

Registration for UMCP Students

1. Contact the department offering the course at the institution to be visited. This will determine if the course is open to consortium students and if there are any special conditions, i.e., prerequisites, special fees. Special fees must be paid directly to the visited institution.
2. Contact the consortium coordinator in the UMCP Registration Office, to obtain the "Permission to Enroll in the Consortium Program" form. (Complete one form for each institution at which you wish to take courses.)
3. Acquire appropriate approvals and signatures on the "Permission to Enroll in the Consortium" form and return to the UMCP consortium coordinator. **Permission will not be granted if a comparable course is offered at UMCP.**
4. Pass/Fail or audit grading options are not permitted for consortium courses.
5. A Consortium Registration Form will be filled out with the consortium coordinator.
6. A copy of this form will be used as an identification card at the visited institution.
7. Show identification card (registration form copy) to the instructor of the course to confirm enrollment, but keep the card.
8. If the course is cancelled or if you change or drop the course, immediately contact the consortium coordinator at UMCP.
9. UMCP course change deadlines apply for students visiting other consortium institutions.
10. Grades earned by College Park students at other Consortium institutions in courses taken through the Consortium arrangement will be converted into the College Park grading system. These grades are used in the calculation of the cumulative grade point average.

NOTE: Consortium courses will be included in the semester credit load of 12 hours for financial aid purposes.

Only the following George Washington University, ROTC courses will apply to UMCP degrees.

NS 051 Introduction to Naval Science (2 credits)
NS 126 Seapower in Maritime Affairs (3)
*NS 150 Navigation (3)
NS 160 Evolution of Warfare (3)
NS 175 Leadership and Management I (3)
NS 176 Leadership and Management II (2)

*Prior to Fall 1987 NS150 — Navigation is not applicable for UMCP degree programs.

B. Procedures for Visiting Students

Students from other consortium schools may register for University of Maryland, College Park courses on a space available basis beginning with the first day of classes, September 6, 1988 for the Fall 1988 semester.

Students will be expected to meet all prerequisites of UMCP courses. Also, prior approval will be required for courses restricted to specific UMCP majors and permission only courses. See individual course listings in this SCHEDULE for course restriction information. Also, see page 30, "How to Read Course Listings". **Visiting students must register at both their home campus and at UMCP.**

1. Contact the UMCP consortium coordinator on 454-4555 at the Public Inquiry Office.
2. Fill out UMCP Schedule Request form with requested courses.
3. A visiting student cannot audit any UMCP courses.
4. Present to the UMCP coordinator the third copy of the Consortium Registration Form completed by your home campus.
5. The coordinator will officially register you for the UMCP courses. Please keep copies of the Schedule Request/Schedule Adjustment form for your records.
6. If the course is cancelled or if you change or drop the course, immediately contact the consortium coordinator at the visiting campus and your home campus.

Dates Classes Begin for Consortium Schools — Fall 1988

American University	August 29
Catholic University	September 1
Gallaudet University	August 29
George Washington University	September 1
Georgetown University	August 31
Howard University	August 29
Marymount University	
Mount Vernon College	August 29
Trinity College	September 1
University of the District of Columbia	August 29
University of Maryland	September 6

Deadlines

Summary of Fall Semester 1988 Deadlines

Type of Change	Last Day to Process Change
ADD A COURSE	September 19
CANCEL REGISTRATION for Fall 1988	September 2
CANCEL ON-CAMPUS HOUSING without financial obligation	July 12
CHANGE FROM FULL-TIME TO PART-TIME (Undergraduates) for billing purposes	see Penalties for Drops on this page
change CREDIT LEVEL	September 19
DIPLOMA APPLICATION for December 1988 Graduation (and diploma dated December 1988)	September 19
DROP A COURSE — UNDERGRADUATE STUDENT without "W" mark	September 19
DROP A COURSE — UNDERGRADUATE STUDENT with "W" mark (4 credit drop limit) ($2.00 fee)	November 14
DROP A COURSE — GRADUATE STUDENT (Graduate student does not receive a "W") ($2.00 fee September 17-November 11)	November 14
DROP A COURSE WITH REFUND (Graduate Students & Part-time Undergraduates only)	See Penalties for Drops on this page
change GRADING OPTION	September 19
GRADUATE MAIL-IN REGISTRATION	August 12
process a LATE REGISTRATION	September 19
LAST DAY TO WITHDRAW FROM ALL COURSES	
WITHDRAW WITH 100% REFUND (CANCEL)	September 2
WITHDRAW WITH 80% REFUND	September 19
WITHDRAW WITH 60% REFUND	September 26
WITHDRAW WITH 40% REFUND	October 3
WITHDRAW WITH 20% REFUND	October 10
WITHDRAW WITH 0% REFUND	December 13

GO TO ROOM 1101 NORTH ADMINISTRATION TO PROCESS A WITHDRAWAL. SEE PAGE 12 FOR WITHDRAWAL INFORMATION.

SCHEDULE ADJUSTMENT PERIOD ENDS AT 4:30 P.M., SEPTEMBER 19, 1988

Cancellation of Registration

Students who register and later decide not to attend the University must **CANCEL** their registration **BY SEPTEMBER 2, 1988.** Failure to cancel registration will result in financial obligation to the University even though the student does not attend class.

To Cancel Your Registration on or before September 2, 1988:

1. Your cancellation request must be received in writing by:
   Office of Registration — Rm. 1130.
   North Administration Bldg., University of Maryland
   College Park, Maryland 20742
   Since the University can honor only those requests for cancellation which are actually received by September 2, 1988, requests should be sent by Registered Mail. PLEASE INCLUDE STUDENT'S SOCIAL SECURITY NUMBER ON ALL CORRESPONDENCE.
2. For additional information concerning cancellation call the Registrations Office, 454-2336.
3. Cancellation of Housing and Dining Services is a separate process. See page 12 for information.

Penalties for Drops During Schedule Adjustment

Full-time undergraduate students do not receive a refund for courses dropped if the total number of credits for which they are registered remains 9 or more.

PRIOR TO THE FIRST DAY OF CLASSES, SEPTEMBER 2 OR EARLIER, if a full-time undergraduate student drops a course or courses, thereby changing the total number of credits for which the student is registered to *8 or less*, charges for the semester will be assessed on the basis of the per credit hour fee for part-time students. However, if the student later adds a course or courses, thereby changing the total number of credits for which the student is registered to *9 or more*, the student will be billed for the difference between per credit hour fees paid and the general fees for full-time undergraduates.

If during the FIRST FIVE DAYS OF CLASSES, SEPTEMBER 6-12, a full-time undergraduate drops a course or courses thereby changing the total number of credits for which he/she is registered to eight or less, charges for the semester will be assessed on the basis of part-time charges plus 20% of the difference between the full-time fees and appropriate part-time charges. **After the first five days of classes, there is no refund for changing from full-time to part-time status.**

SEPTEMBER 20 AND AFTER — $2.00 fee is assessed for *each* drop processed (to be billed).

This applies to both graduate and undergraduate students.

Refund Schedule for Dropping Courses
Graduate Students and Part-Time Undergraduates

Both graduate students and part-time undergraduates are charged by the credit hour. A percentage charge and/or complete charge for the course may be imposed if the deadlines indicated below are not followed.

1. September 2 or earlier (prior to the first day of classes) ..... 100% refund
   There will be no charge for courses *dropped* prior to this date.
2. September 6-12 (first five days of classes) ..... 80% refund
   There will be a 20% charge imposed for courses *dropped* during this period.
3. September 13 and after ..... 0% refund
   Student will incur full charge for courses *dropped* during this period.
4. September 20 and after: a $2.00 charge is imposed for *each* drop processed (to be billed).

Students who wish to drop one course and add another at the same credit level must accomplish both transactions on the *same* day to insure additional charges are not imposed.

Candidates for December 1988 Graduation

Deadline to apply for a diploma dated December 1988 ..... September 19, 1988

Both graduate students and undergraduate students must file an application for a diploma dated December 1988 in the Registration Office by September 19, 1988. Applications are available at the Registration Office Counter, 1st Floor Lobby, North Administration Building, 8:30 a.m. to 4:30 p.m., Monday through Friday.

Check Financial Information section for listing of graduation fees. Graduation fees are due payable when billed.

Reclassification to In-State Status

If you wish to challenge your out-of-state classification you may do so by filing a timely Petition. The deadline for meeting all requirements for in-state status and for submitting all documents for reclassification is the last day of late registration for the semester you wish to be classified as an in-state student.

Deadlines

Fall 1988 ..... September 19, 1988

It is imperative that students who wish to request a review of their eligibility for an in-state classification submit the required documents to the appropriate office as soon as possible. The volume of requests for reclassification may necessitate a delay in completing the review process. It is hoped that a decision in each case will be made within ninety (90) days of receipt of a request for reclassification and all necessary documentation. During this period of time, or any further period of time required by the University, fees and charges based on the previous determination must be paid. If the determination is changed, any excess fees and charges will be refunded. It is to your advantage to apply early.

Petitions for review of eligibility, related documents and questions concerning the policy of the University of Maryland for the determination of in-state status should be directed to the following offices:

Campus Classification Office
Room 0405B
Marie Mount Hall
454-3977

In-State Students

Notice to students classified as in-state for admission, tuition and charge-differential purposes. Please be aware that it is your responsibility to notify the proper office listed above in writing within 15 days of any change in your cirumstances which might in any way affect your classification for admission, tuition and charge-differential purposes at the College Park Campus.

Financial Information

Tuition, Fees and Other Expenses

ALL STUDENTS WHO REGISTER FOR THE FALL SEMESTER INCUR A FINANCIAL OBLIGATION TO THE UNIVERSITY. Financial policy and fees are set by the University with the approval of the Board of Regents. The University of Maryland does not have a deferred payment plan.

It is the policy of the University *not* to defer payment of fees on the basis of a pending application for financial assistance to an outside agency. This includes Veterans Administration, banks, guaranteed student loan programs, etc.

Returning students will not be permitted to complete registration until all financial obligations to the University including current semester fees, library fines, parking violation assessments and other penalty fees and service charges are paid in full. If a student registers without proper financial clearance from the Office of the Bursar, his/her registration will be cancelled without further notice. If a student becomes financially ineligible after registering, his/her registration will be cancelled unless and until his/her account balance is paid in full by a prescribed date.

PLEASE NOTE: EFFECTIVE WITH THE FALL 1987 SEMESTER, PAYMENTS FOR STUDENT ACCOUNTS MAY BE MADE BY VISA, MASTERCARD OR CHOICE CREDIT CARD. CREDIT CARD PAYMENTS MAY BE MADE IN PERSON OR BY MAIL. HOWEVER, PHONE-IN PAYMENTS WILL *NOT* BE ACCEPTED THIS SEMESTER.

Although the University regularly mails bills to students, it cannot assume responsibility for their receipt. Students are urged to obtain a copy of their financial account in Room 1103 of the South Administration Building if they are not certain their account is paid in full. This office is open from 8:30 a.m. to 4:15 p.m. Monday through Friday. Students may also obtain their account balance by phoning 454-4832.

CHARGES INCURRED DURING THE SEMESTER ARE PAYABLE IMMEDIATELY.

A student who wishes to dispute a specific item on their bill must contact the appropriate University department that initiated the charge to discuss the nature of the adjustments, if any, or the appropriateness of the bill. If, after discussing the bill with the originating department, a student still wishes to dispute the charge, any appeal must be made in writing. It is emphasized that any portion of the bill *not* in dispute must be paid in accordance with the due date on the bill.

All checks or money orders should be made payable to the University of Maryland for the exact amount due. The student's social security number must be written on the check. Payments by telegram should also include social security number.

Students will be severed from University services for delinquent indebtedness to the University which occurs or is discovered during a semester. In the event that severance occurs, the individual may make payment during the semester in which services were severed and all these services except housing will be restored. For a student who lives in on-campus residence halls, and who fails to fully resolve any outstanding balance, the severance of housing services means that (1) the student must leave residence halls, (2) the student's room is assigned to another student, and (3) the severed student may reapply for housing services, if the account is later satisfactorily resolved and other University services are restored, and be placed last on a waiting list for available on-campus housing spaces. Students who are severed from University services and who fail to pay the indebtedness during the semester in which severance occurs will be ineligible to register for subsequent semesters until the debt is cleared. In the event of actual registration in a later semester by a severed student who had not settled the student account prior to that semester, such registration will be cancelled and no credit will be earned for the semester. For a student who is on board and who fails to resolve any outstanding balance, the severance of Dining Services means that the student will not be served meals until their student account is paid in full. No reimbursement will be made on meals not served during severance.

Late Payment Fee: Students who fail to pay the balance due on their accounts are subject to a late fee of 5% of the outstanding balance or $5.00, whichever is greater.

Severance Fee: $25.00. Students who fail to pay the balance due on their accounts will have their University services severed and the $25.00 severance fee added to their account. In order to have the services restored, the student's account must be settled in full.

The State has established, under legislative mandate, a CENTRAL COLLECTIONS UNIT within the Department of Budget and Fiscal Planning. This campus has been instructed that all delinquent accounts must be transferred to the State Collections Unit.

ALL ACCOUNTS DUE FROM STUDENTS, FACULTY, STAFF, NON-STUDENTS, ETC. ARE INCLUDED WITHIN THESE GUIDELINES.

Collection Costs incurred in collecting delinquent accounts will be charged to the student. The University is required by State law to refer all past due accounts to the State Central Collections Unit. The minimum collection fee is 15% plus any attorney and/or court costs.

NOTE: STATE CENTRAL COLLECTIONS UNIT IS AUTHORIZED BY STATE LAW TO USE AN INDIVIDUAL'S STATE INCOME TAX REFUND AS AN OFFSET TO PAY INDEBTEDNESS TO THE STATE OF MARYLAND.

NO DEGREE WILL BE CONFERRED, NO GRADE ISSUED, NOR ANY DIPLOMA, CERTIFICATE, OR TRANSCRIPT OF RECORD ISSUED TO A STUDENT WHO HAS NOT MADE SATISFACTORY SETTLEMENT OF HIS OR HER ACCOUNT.

Mandatory Fees

The Auxiliary Facilities Fee: Refundable upon withdrawal. $14.50 — Charged to all Full-Time Undergraduates. Part-Time Undergraduates and all Graduate students are charged a fee of $6.50. The Auxiliary Facilities Fee is paid into a fund which is used for capital improvement, expansion and construction of various campus facilities such as open recreation areas (tennis courts, basketball courts, etc.), transportation alternatives (shuttle buses), and The Stamp Union Building. These capital projects are not funded or are funded only in part from other sources.
The Student Activities Fee: Refundable upon withdrawal. $15.50 — Charged to all Full-Time Undergraduates. Part-time Undergraduates are charged a fee of $9.00. The Student Activities Fee is charged at the request of the Student Government Association and is used to provide for student activities, student publications, and cultural programs.
The Athletic Fee: Non-refundable. $48.00 — Charged to all Full-Time Undergraduates. Part-Time Undergraduates and all Graduate Students are charged a fee of $13.50. The Athletic Fee is charged for the support of the Department of Intercollegiate Athletics. All students are encouraged to participate in all of the activities of this department or to attend the contests if they do not participate.
The Student Health Fee: Non-refundable. $18.50 — Charged to all Full-Time Undergraduates and Graduate Students. All Part-Time Undergraduate and Graduate Students are charged a fee of $12.00. The Student Health Fee is charged for the support of the Health Service Facility. Charges for special services (X-rays, prescriptions, etc.) are due **when received.**
The Shuttle Bus Fee: Non-refundable. $16.50 — Charged to all Full-Time Undergraduates and Graduate Students. All Part-Time Undergraduate and Graduate Students are charged a fee of $8.50. The Shuttle Bus Fee is charged for the support of the Shuttle Bus Transportation System.
The Student Union and Recreational Fee: Non-refundable. $42.00 — Charged to all Full-Time Undergraduate and Graduate Students. All Part-Time Undergraduate and Graduate Students are charged a fee of $21.00. The Stamp Union and Recreational Fee is paid into a fund which will be used to expand recreational facilities and Stamp Union Services.
The Registration Fee: Non-refundable. $5.00 — The Registration Fee is charged to all registrants each semester.

Other Fees

Payment of Fees: All checks, money orders or postal notes should be made payable to the University of Maryland and mailed or delivered to: Office of Bursar, University of Maryland, College Park, MD 20742. The student's social security number must be written on the front of the check.
Undergraduate Application Fee: $25.00 — Charged to all new Undergraduate Students. Applicants who have previously enrolled with the University of Maryland at College Park, University College, Baltimore County or at an off-campus center will not be required to pay the fee.
Graduate Application Fee: $25.00 Required of all students.
Pre-College Orientation Program Registration Fee: $63.00 (two day program) $18.00 (one parent)
$41.00 (one day program) $36.00 (two parents)
Late Application Fee: $25.00
Late Registration Fee: $20.00. All students are expected to complete their registration including the filing of Schedule Adjustment Forms on the regular registration days. Those who do not complete their registration during the prescribed days must pay this fee.
Special Fee for students requiring additional preparation in Mathematics, English or Chemistry: MATH 001 — $125; CHEM 001 — $70; and ENGL 001 — $100.00 per semester. These special fees are in addition to course charges. (Note that MATH 001 is required of students whose curricula call for MATH 110 or 115 and who fail in qualifying examination for these courses.)
A student enrolled in MATH 001 or ENGL 001 and concurrently enrolled for six or more credit hours will be considered as a full-time student for purposes of assessing fees. Students taking only MATH 001 or ENGL 001 pay for three credits plus the special fee. Students taking CHEM 001 pay for two credits plus the special fee. A 3-credit course plus MATH 001 or ENGL 001, results in a charge for 6 credits plus the special fee. A full-time student pays full-time tuition plus the special fee.
Cooperative Education Program in Liberal Arts and Business (CO-OP 098/099): $30.00 each
Engineering CO-OP Program (ENCO 098/099): $30.00 each
Fees for Auditors and courses taken for audit are the same as those charged for courses taken for credit to determine whether or not an undergraduate student is full-time or part-time for fee assessment purposes.
Special Students are assessed fees in accordance with the schedule for the comparable undergraduate classification.
Change of Registration Fee: $2.00 for each course dropped or added on or after September 20, 1988. A $4.00 fee is charged for each section change ($2.00 for the section added, $2.00 for the section dropped).
Transcript of Record Fee: $2.00 each copy
Special Examination Fee: $30.00 per course for all undergraduates and full-time graduate students. Credit-hour charge for part-time graduate students. (See page 23 for definition of full-time and part-time graduate status.)
Vehicle Registration Fee: Commuters $35.00, Campus Residents $67.00 (Fees are subject to change). Fee is required of all students registered for classes on the College Park Campus and who drive on campus.
Textbooks and Supplies: Textbooks and classroom supplies vary with the course pursued, but will average $125.00 per semester.
Service Charges for Dishonored Checks: Payable for each check which is returned unpaid by the drawee bank on presentation because of insufficient funds, payment stopped, post-dating against uncollected items, etc.
For checks up to $100.00: $10.00
For checks from $100.01 to $500.00: $25.00
For checks over $500.00: $50.00
When a check is returned unpaid, the student must redeem the check and pay any outstanding balance in the account within 10 days or all University services may be severed and the account transferred to the State Central Collection Unit for legal follow-up. Additionally, a minimum 15% collection charge is added to the charges posted to the student's account at the time the transfer is made.
When a check is returned unpaid due to an error made by the student's bank, the student must obtain a letter from the branch manager of the bank or a person of equivalent status admitting such an error. This letter must be submitted to the Office of the Bursar to have the service charge waived.
Library Charges: $.35 — Fine for failure to return a book from General Library before expiration of loan period: per day. Fine for failure to return book from Reserve Shelf before expiration of loan period: First hour overdue on first day: $1.00; after first hour on first day: $.75 per hour for each hour open up to a maximum of $45.00 per item. In case of loss or mutilation of a book, satisfactory restitution must be made.
Motor Vehicle Penalties: These are described in Traffic Rules and Regulations.
Property Damage Charge: Students will be charged for damage to property or equipment. Where responsibility for the damage can be fixed, the individual student will be billed for it; where responsibility cannot be fixed, the cost of repairing the damage or replacing equipment will be prorated among the individuals involved.
Late Payment Fee: Students who fail to pay the balance due on their accounts are subject to a late fee of 5% of the outstanding balance or $5.00, whichever is greater.
Severance Fee: $25.00. Students who fail to pay the balance due on their accounts will have their University services severed and the $25.00 Severance Fee added to their account. In order to have services restored, the student's account must be settled in full.
Graduation Application Fee for Bachelor's Degree: $15.00, **Master's Degree:** $25.00, **Doctor's Degree:** $50.00. These charges are one-time, non-refundable fees, and must be paid in the semester that the graduation application is first submitted.

Fees for Fall Semester 1988

An Important Fee Notice. Although changes in fees and charges will ordinarily be announced in advance, the University reserves the right to make such changes without previous announcement.

General Fees[1] (*Includes mandatory fees)

[1]Full-Time Undergraduate Students, Maryland Residents	**953.00**
[1]Full-Time Undergraduate Students from District of Columbia, other states and other countries	**2,646.00**

— PART-TIME UNDERGRADUATES — (In-state and out-of-state enrolling for 8 credit hours or less) **$92.00** per credit hour.

Credit Hours	1	2	3	4	5	6	7	8
*Cost	167.50	259.50	351.50	443.50	535.50	627.50	719.50	811.50

*Includes all mandatory fees.

— GRADUATE IN-STATE STUDENTS — $108.00 per credit hour.[2]

Credit Hours	1	2	3	4	5	6	7	8	9	10	11	12	13
*Cost	175.50	283.50	391.50	499.50	607.50	715.50	823.50	931.50	1074.00	1182.00	1290.00	1398.00	1506.00

*Includes all mandatory fees.

— GRADUATE OUT-OF-STATE STUDENTS — $176.00 per credit hour.[2]

Credit Hours	1	2	3	4	5	6	7	8	9	10	11	12	13
*Cost	259.50	451.50	643.50	835.50	1027.50	1219.50	1411.50	1603.50	1830.00	2022.00	2214.00	2406.00	2598.00

* Includes all mandatory fees

Resident Point Plan	843.00[5]
Campus Point Plan	843.00[5]
Budgeted Point Plan	843.00[5]
Board (D.S. Cash)	[4]
Room, University Residence Hall, Maryland Residents/Non Residents	1023.00[5]
Vehicle Registration Fee (valid through August 1989) Campus Resident	67.00
Commuter	35.00
Special Mathematics Fee (MATH 001)	125.00
Special Chemistry Fee (CHEM 001)	70.00
Special English Fee (ENGL 001)	100.00
Special Engineering COOP Fee (ENCO 098/099)	30.00[3]
Special COOP Fee (COOP 098/099)	30.00[3]
Continuous Registration Fee (Doctoral Candidates)	10.00
Late Registration Fee (beginning September 6, 1988)	20.00
Schedule Adjustment Fee (effective on or after September 20, 1988)	2.00
Graduation Application Fee for Bachelor's Degree	15.00
Graduation Application Fee for Master's Degree	25.00
Graduation Application Fee for Doctoral Degree	50.00
Credit by Exam Fee	
All Undergraduate and Full-Time Graduate Students (per course)	30.00
Part-Time Graduate Students (per credit hour)	See above
Audit courses are charged the same as a course taken for credit.	
Maryland English Institute — Intensive	2,134.00
Maryland English Institute — Semi-Intensive Program	1,067.00
Maryland English Institute — Pronunciation Program	175.00
Orientation Fees:	
Student One Day	41.00
Student Two Days	63.00
One Parent	18.00
Two Parents	36.00

[1]FOR BILLING PURPOSES UNDERGRADUATE FULL-TIME STATUS IS DEFINED AS A REGISTRATION FOR 9 CREDITS OR MORE.
[2]A STUDENT WHO HAS BEEN ADMITTED TO THE GRADUATE SCHOOL WILL BE CHARGED THE GRADUATE CREDIT HOUR FEE FOR ALL COURSES REGARDLESS OF THE LEVEL OF THE COURSE.
[3]A $5.00 FEE WILL BE CHARGED FOR SPECIAL COURSE REGISTRATION. THE AMOUNT OF $65.00 WILL BE CHARGED FOR ENROLLMENT IN TWO SPECIAL COURSES.
[4]D.S. CASH ACCOUNTS AVAILABLE — INQUIRE AT CONTRACT OFFICE (X2906).
[5]1987-88 RATES SHOWN. ROOM AND BOARD CHARGES WILL BE DETERMINED BY THE UNIVERSITY BOARD OF REGENTS AT THEIR JUNE 1988 MEETING.

Billing Information

Bills for payment of fees are mailed in July 1988 to students who have registered for courses for Fall 1988. Since the University has no deferred payment plan, **PAYMENT IN FULL MUST BE MADE NO LATER THAN August 19, 1988 BY ALL REGISTERED STUDENTS.** Accounts not paid by August 19, 1988 are delinquent and subject to referral to the State Central Collections Unit at Baltimore and/or cancellation of registration.

For student convenience, payment by mail is encouraged; however, payment also may be made at the Office of the Cashier, South Administration Building. Students may pay in person at the Office of the Cashier, 8:30 a.m. to 4:15 p.m. Monday through Friday, where they are required to present a Student ID Card with payment. Also students, if paying by personal check, may drop the payment in the Bursar's Mail Remittances hallway drop slot beside Room 1108, South Administration Building, at any time that the building is open. If a student uses the drop slot, the processed check will serve as a receipt. Be sure the Social Security number is clearly written on the front of the check.

PLEASE NOTE: EFFECTIVE WITH THE FALL 1987 SEMESTER, PAYMENTS FOR STUDENT ACCOUNTS MAY BE MADE BY VISA, MASTERCARD OR CHOICE CREDIT CARD. CREDIT CARD PAYMENTS MAY BE MADE IN PERSON OR BY MAIL. HOWEVER, PHONE-IN PAYMENTS WILL *NOT* BE ACCEPTED THIS SEMESTER.

Periodically during the semester bills will be mailed to the student's permanent address reflecting charges incurred for parking tickets, library fines, course adjustments, etc. These bills are due ON RECEIPT. THE UNIVERSITY CANNOT ASSUME RESPONSIBILITY FOR THEIR DELIVERY.
Students who register after August 22, 1988 will be required to make full payment in person to the cashier by the close of business the following working day to avoid cancellation of their schedule and loss of their seats to other students. MAIL PAYMENTS, POSTMARK DATES, AND USE OF "DROP BOXES" WILL NOT SATISFY THIS DEADLINE.

Students who have questions on their bills may obtain print-outs of their financial accounts by coming to Room 1103 of the South Administration Building between 8:30 a.m. and 4:15 p.m. Monday through Friday.

Each student is individually responsible for all of his or her fees and expenses. If a third party, such as an employer, agrees to pay these charges, the student is not relieved of his or her primary responsibility. In the event that such third party fails to honor its agreement, the University reserves the right to bill the students directly. Failure to pay this bill thereafter will result in the suspension of services to the student by the University and transfer of the account to the State Central Collections Unit. WHEN A PAYMENT IS MADE TO THE UNIVERSITY, PAYMENT OF ANY OUTSTANDING BALANCE PRECEDES PAYMENT OF CURRENT INDEBTEDNESS. That is, the oldest account balance is liquidated first.

FAILURE TO PAY OUTSTANDING DEBTS WILL RESULT IN SEVERANCE OF UNIVERSITY SERVICES, ADDING THE $25.00 SEVERANCE FEE, AND TRANSFER OF THE ACCOUNT TO THE STATE CENTRAL COLLECTIONS UNIT. A MINIMUM OF 15% COLLECTIONS CHARGES ARE ADDED AT THIS TIME.

MARYLAND LAW ALLOWS THE CENTRAL COLLECTION UNIT TO BLOCK ISSUANCE OF MARYLAND STATE INCOME TAX REFUNDS FOR INDIVIDUALS WITH DELINQUENT ACCOUNTS.

Remission of Tuition for Faculty and Staff

Every semester an approved Authorization for Remission of Tuition form must be turned in to the College Park Personnel Services Office (Room 1129, South Administration Building) in order to receive credit on tne student bill for courses taken by faculty and staff members. Usually the authorizing department will forward this form directly to the Personnel Services Office. Each faculty and staff member should check with his/her department to ascertain that the proper forms have been submitted.

Tuition waiver forms for students who registered early must be RECEIVED by campus personnel office before August 19, 1988. Students who register after August 19, 1988 must submit the Tuition Waiver Form and settle their account in full by 3:00 p.m. the following business day. ALL FORMS MUST BE SUBMITTED NO LATER THAN SEPTEMBER 6, 1988.

Published deadlines and procedures for admission, readmission or reinstatement and registration apply to University faculty and staff who wish to take courses.

Questions regarding admission? Contact Admissions Office, 454-5550.
Questions regarding registrations? Contact Registrations Office, 454-5559.
Questions regarding employee remission of tuition? Contact Staff Benefits Office, 454-6312.

Tuition Waiver Policy

(Employee Spouse and Dependent)

The University Board of Regents has approved a partial tuition waiver policy for the spouse and dependent children of full-time University employees. The policy will provide a waiver of **one-third of the tuition charges only** for eligible students.

The Partial Tuition Waiver forms are available at each campus Personnel Department. The completed form is to be **HAND CARRIED** to the campus personnel office where the student's spouse or parent is employed for approval. The student copy of the approved form will be given to the student and should be maintained.

Approved tuition waiver credit will be posted to registered student's accounts only after completed Tuition Waiver forms are received by the Campus Personnel Department. If the student registers or adds additional courses after August 19, 1988, the student copy must be presented to the Bursar to ensure application of credit for partial tuition waiver.

ALL FORMS MUST BE SUBMITTED NO LATER THAN SEPTEMBER 6, 1988.

If the student receiving the partial tuition waiver drops classes or withdraws from the University and is eligible for a refund, the refund computations will be made in such a way as to return the maximum amount to the tuition waiver account.

Financial Aid Information

FINANCIAL AID CHECKS WILL NOT BE DISBURSED UNTIL SEPTEMBER 6, 1988. THERE WILL BE NO EXCEPTIONS.

Students on scholarships and grants are expected to maintain a semester credit load of 12 hours. Neither credit (earned) by "Examination" nor courses taken as "Audit" can be counted toward credit level. If the registration of a student with a scholarship or grant falls below the required credit hours, the scholarship or grant is automatically cancelled. Cancellation of a scholarship or grant without subsequent payment of amounts due will lead to an indebtedness to the University. Such indebtedness can in turn lead to severance of services by the University. Any student receiving financial aid who is contemplating dropping credits should see his/her financial aid counselor **before** taking such action.

A student who has not received final approval of a financial aid award and accepted the award should not expect a credit on his/her bill nor a check at the time of registration. No deferment will be granted and the student should be prepared to pay his/her bill by the first day of classes unless financial aid has been **awarded and accepted** by the student.

Students sponsored by an agency or their employer remain responsible for their fees. When payment is not received by the University from the sponsor, the student will be charged.

Previously registered students' bills will be mailed. Students not registered will complete an estimated bill form at registration time. The following information may be helpful:

1. Scholarships, grants, & workships will be credited to student accounts. A check for any balance remaining after charges are paid will be available for those students receiving financial aid. NDSL's will be ordered in checks. Students may pick up their financial aid checks after securing at least 12 credits beginning September 6, 1988. Before a check can be distributed, students must present proof of the required credit hours, their photo ID card or driver's license, and the Fall bill sent to their permanent address. If an awarded financial aid has not been credited on the early registration bill, deduct the approved FA amount for the semester, and pay the balance due.
2. Students who receive scholarships, grants, or loans after classes have begun and who have paid their Student Account for the award period must request a refund in writing from the Office of the Bursar. The refund will take approximately five to six weeks to process after the credit balance appears on the account and the refund request is received.
3. Other scholarships and grants paid to the University by an outside agency will be credited to the student's bill. (Exception — National Merit Scholarship checks will be available in the Office of the Bursar.)
4. Guaranteed Loan checks may be picked up at the Office of the Bursar, Room 1103, South Administration Building. Before a check can be distributed, the student must present proof of registration for the required credit hours. Student identification such as the photo ID card or driver's license, and the early registration bill, if applicable, must be provided.
5. Dining Hall cash jobs will be paid bi-weekly to student as work is performed.
6. Dining Hall Workships (and other University Workships) will be credited to bill as designated in award letter.
7. College Work Study and other University student employment will be paid to the student bi-weekly as work is performed.
8. STUDENTS WHO RECEIVE A NATIONAL DIRECT STUDENT LOAN MUST SUBMIT PROPERLY EXECUTED PROMISSORY NOTES AND ASSOCIATED FORMS. The loan credit cannot be posted to the student's account nor a check disbursed if the student has not turned in these forms.

   Deferments for repaying NDSL loans require that students be registered at least half time: undergraduate students — 6 credits; graduate students — 24 academic units.
9. Students comtemplating a withdrawal should consult a Financial Aid counselor prior to the withdrawal. Aid will be prorated based on attendance. Those considering a second withdrawal may not be eligible for aid the subsequent semester.
10. The University will only make adjustments to financial aid awards (due to an increase in the credit hours taken to maintain the required 12 credit hours) until the beginning of the next spring semester for students attending the fall semester and June 30 for students attending the spring semester.

Guaranteed Student Loan (GSL) Information

The normal processing time for a GSL application is 8 to 10 weeks. In order for your GSL check to be available by the Fall 1988 semester payment due date, you should submit your loan application to the Office of Student Financial Aid by June 1, 1988. Pending GSL applications and promissory notes may not be substituted in lieu of payment. The University does not have a deferred payment program and payments for students who registered early for the Fall 1988 semester are due on or before August 19, 1988.

All applicants must file an FAF (Financial Aid Form) with the College Scholarship Service no later than May 1, 1988.

Withdrawal from the University

Procedures for Withdrawal from All Classes

Cancellation of Housing/Dining Contracts is a separate process, see Cancellation of Housing and/or a Meal Plan below.

September 6 or later

1. All students should report to Room 1101, North Administration Building to complete a withdrawal form.
2. Withdrawal becomes effective on the date the form is filed with the Records Office. Stopping payment on a check does not constitute an official withdrawal. A notation of withdrawal and the effective date of the withdrawal will be posted to the permanent record.
3. Tuition credit will be initiated upon receipt of the Withdrawal Form. The percentage of credit is determined by the date the form is filed in the Records Office.
4. Refer to the chart below for refund information. Registration, Health, Athletic, Shuttlebus and Student Union and Recreation Fees are not refundable. A base figure of $823.00 for resident students and $2,516.00 for non-resident students is used in computing the amount of the credit adjustment after September 2. Credit adjustments for housing services not utilized are based upon the date of completion of residence halls checkout procedures and not upon the date of withdrawal from classes.
5. Be certain to return all books to the library and clear all financial accounts at the Office of the Bursar, South Administration Building. Refunds for credit adjustments will be authorized after all student financial aid adjustments have been processed and any balance remaining on the account has been deducted.

Dates for Refund of Tuition for Withdrawal from All Courses*

		Resident	*Non-resident*
On or before September 2	100%	$953.00	$2,646.00
September 6-19	80%	658.40	2,012.80
September 20-26	60%	493.80	1,509.60
September 27-October 3	40%	329.20	1,006.40
October 4-10	20%	164.60	503.20
October 11 and later	0%	0.00	0.00

*Students who have made no payment on their account at the time of withdrawal will be billed according to the above schedule.

In computing refunds to students who have scholarships and loans from University funds, the computation will be made in such a way as to return the maximum amount to the scholarship and loan accounts without loss to the University.

Meal Plan Rates 1988-89 + Credit Adjustment

The Fall 1988 schedule indicating the prorated charges for meal plans will be published in the Fall 1988, Edition II, of the Schedule of Classes.

Cancellation of Campus Housing and/or a Meal Plan

Charges for Room and Board are not refundable unless the student officially withdraws or is dismissed from the University and effectively completes **Campus Housing and/or Dining Services release procedures.** When the student completes the housing release procedures, charge adjustment will be computed based upon the requested release date and/or the date procedures for checking out of a room assignment are completed. Credits for housing services are made on a pro rata weekly basis.

In computing refunds to students who have scholarships and loans from University funds, the computation will be made in such a way as to return the maximum amount to the scholarship and loan accounts without loss to the University.

1. In order to receive a credit adjustment for the unused portion of a Housing or Dining Service Agreement, a student must notify those offices in writing (Certified Mail suggested) or in person during regular university hours.
2. The Dining Service I.D. Card must be turned in to the Dining Service Business Offices or $15.00 fine will be incurred.
3. A student who requests cancellation of his/her Dining Services Agreement must have the approval of the Department of Dining Services. If approved, there will be a $40.00 charge for cancelling the contract in addition to the prorated charge for meals.
4. The addresses of the Campus Housing Department and Dining Services Office follow:

Assignments Office	Contract Office
Campus Housing	Dining Services
Room 3117	Room 0144
North Administration Building	South Campus Dining Hall
College Park, MD 20742	College Park, MD 20742

5. Housing credit adjustments are based upon the date written notice of cancellation is received by Campus Housing, and the checkout date from the residence hall and in accordance with the applicable procedures outlined in the Residence Halls Agreement. No credit adjustments may be processed after the fourteenth week of classes in a semester.

On-Campus Housing Credit Adjustment Schedule

Date Cancellation Notice Received by Campus Housing	*Financial Obligation To Campus Housing*
July 12 or before	No financial obligation
July 13-25	1 week's housing
July 26-August 8	2 weeks' housing
August 9-22	3 weeks' housing
August 23 and prior to check-in	4 weeks' housing
After check-in	Consult Residence Halls Agreement

Refund Requests

To Obtain A Refund: To obtain a refund of a credit balance: a STUDENT must request the refund in writing. This can be done by: (1) addressing a letter to: Office of the Bursar, University of Maryland, College Park, Md. 20742, or (2) completing a request form available at the Student Counter, 1103 South Administration Building. NO CREDIT BALANCE IS AUTOMATICALLY REFUNDED. Approximately five to six weeks is required from the time a credit balance appears on the account and a refund request is received until a check is mailed from The State Treasurer's Office in Annapolis. THE CHECK WILL BE MADE PAYABLE TO THE STUDENT and mailed to the address requested by the student on the refund form. Refund checks will not be mailed to a campus address.

Refunds for Special Courses

CHEM 001, COOP 098/099, ENCO 098/099, ENGL 001, MATH 001 — Refunds: A part-time or full-time undergraduate who drops MATH 001, ENGL 001, or CHEM 001 will receive an 80% refund of the special fee if the course is dropped during the first five (5) days of classes and 0% thereafter. MATH 001, ENGL 001, or CHEM 001 will still be counted in the determination of hours for full-time or part-time status, notwithstanding the refund policy.

A part-time or full-time undergraduate student who drops COOP 098/099, or ENCO 098/099 will receive an 80% refund of the fee if the course is dropped during the first five (5) days of classes and 0% thereafter.

THE KAPLAN CURRICULUM
FOR CAREER CLIMBERS:

LSAT, GMAT, MCAT, GRE, DAT, OAT Advanced Medical Boards, TOEFL, Nursing Boards, NTE, CPA, Intro. to Law, Speed Reading,
AND MORE.

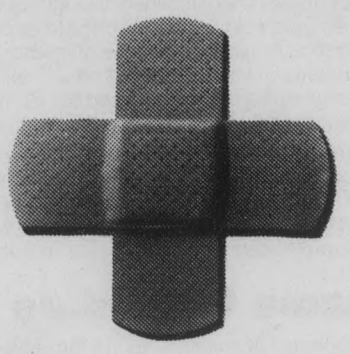
For nearly 50 years, Stanley H. Kaplan has prepared over 1 million students for admission and licensing tests. So before you take a test, prepare with the best. Kaplan. A good score may help change your life.

KAPLAN
STANLEY H. KAPLAN EDUCATIONAL CENTER LTD.

CALL DAYS, EVENINGS AND WEEKENDS. WE ARE ENROLLING NOW!

244-1456
4201 Connecticut Ave., NW
Washington, D.C. 20008

770-3444
White Flint Mall
11301 Rockville Pike, 3rd Floor
Kensington, Md. 20895



WE'RE HURTING.

Saving lives can be very expensive. The costs of our disaster relief and other humanitarian programs keep mounting. And we can't afford to come up short.
Please help.

Ad Council A Public Service of This Newspaper & The Advertising Council

American Red Cross

Silver Spring

Our New Look, Your New Home

GREENWICH WOODS

Wall-To-Wall Carpeting
Washer/Dryer
Newly Remodeled
Fully Equipped Kitchens
Large Ranch Rooms With
Bay Windows
Beautifully Landscaped
Community w/swimming
pool & playground
HBO Available.

NEAR: Beltway, Schools, Churches, Metro, Shopping & University of Md.

434-0025

1, 2, 3 Bdrm. Apts.
Some w/Dens

Open Daily 9-6,
Sunday 12-5

Directions: Take Capitol Beltway to New Hampshire Ave. (Exit 28-B). Proceed to 1st traffic light. Turn left on Oakview Dr. 1 block to Greenwich Woods.

Quality Built by Artery Org.
Management by Dreyfuss

General Information

Final Examination Schedule Fall Semester 1988

All final examinations must be held on the examination days of the Official Final Examination Schedule. No final examination shall be given at a time other than that scheduled in the Official Examination Schedule without permission of the department chair.

A final examination will be given in every undergraduate course. Exceptions may be made with the written approval of the chair of the department and the dean. Please note Sections 1, 2, 3, and 4 below concerning final examinations for certain courses. For additional information, see "Examinations" in the Undergraduate Catalog.

Examination Time	*Classes Scheduled*
December 15, Thursday	
8:00-10:00	MWF 11
10:30-12:30	CMSC 103, 112 ENES 101, 220
1:30- 3:30	MATH 001, 002, 110, 111, 115, 140, 141, 210, 211, 220, 221, 240, 241, 246 STAT 100
4:00- 6:00	TuTh 2
7:00- 9:00	PHYS 121, 161
December 16, Friday	
8:00-10:00	MWF 9
10:30-12:30	BMGT 310, 422, 440 CHEM 001, 103, 104, 105, 111, 113, 233, 235, 243, 481, 482
1:30- 3:30	BMGT 311, 424 EDMS 451 FREN 101, 102, 103, 203
4:00- 6:00	TuTh 11
December 17, Saturday	
8:00-10:00	MWF 10
10:30-12:30	ECON 203, 430 ENES 221 HLTH 150
1:30- 3:30	BMGT 220 GERM 101, 102, 103, 104 HEBR 111 SPAN 204
4:00- 6:00	TuTh 4

Examination Time	*Classes Scheduled*
December 19, Monday	
8:00-10:00	MWF 1
10:30-12:30	ASTR 100
1:30- 3:30	PSYC 100
4:00- 6:00	TuTh 9
7:00- 9:00	MWF 5 and later
December 20, Tuesday	
8:00-10:00	MWF 2
10:30-12:30	PHYS 262, 263
1:30- 3:30	BMGT 311, 424 ENES 110 ITAL 101, 102, 203
4:00- 6:00	TuTh 8
7:00- 9:00	ECON 201
December 21, Wednesday	
8:00-10:00	MWF 12
10:30-12:30	TuTh 12
1:30- 3:30	BMGT 332 SLAV 101, 104
4:00- 6:00	MWF 4
7:00- 9:00	TuTh 3
December 22, Thursday	
8:00-10:00	MWF 8
10:30-12:30	TuTh 10
1:30- 3:30	MWF 3
4:00- 6:00	TuTh 1
7:00- 9:00	TuTh 5 and later

1. Final examinations for all sections of the following courses are given at the times listed in the above schedule. Note that these exam times do not depend on the hour or day at which the particular section meets. The rooms in which these examinations will be held will be announced in class.

ASTR 100
BMGT 220, 301, 302, 310, 311, 332, 422, 424, 440
CHEM 001, 103, 104, 105, 107, 113, 233, 235, 243, 481, 482
CMSC 103, 112,
ECON 201, 203, 430
EDMS 451
ENES 101, 110, 220, 221
FREN 101, 102, 103, 203
GERM 101, 102, 103, 104
HEBR 111
HLTH 150
ITAL 101, 102, 203
MATH 001, 002, 110, 111, 115, 140, 141, 210, 211, 220, 221, 240, 241, 246
PHYS 121, 161, 262, 263
PSYC 100
SLAV 101, 104
SPAN 204
STAT 100

2. Final examinations for courses scheduled for 75-minute periods on Tuesday and Thursdays, exclusive of the courses listed in Section 1 above, will be given according to the following schedule:

Class Scheduled		*Examination Time*	
Tu Th 8:00- 9:15	Tuesday	Dec. 20	4:00 p.m.- 6:00 p.m.
Tu Th 9:30-10:45	Monday	Dec. 19	4:00 p.m.- 6:00 p.m.
Tu Th 11:00-12:15	Friday	Dec. 16	4:00 p.m.- 6:00 p.m.
Tu Th 12:30- 1:45	Wednesday	Dec. 21	10:30 a.m.-12:30 p.m.
Tu Th 2:00- 3:15	Saturday	Dec. 17	4:00 p.m.- 6:00 p.m.
Tu Th 3:30- 4:45	Wednesday	Dec. 21	7:00 p.m.- 9:00 p.m.

3. Final examinations for BMGT courses numbered 600 and above do not follow the schedule outlined in Sections 1 & 2 above, but will follow the exam schedule that will be published in the Second Edition of the Schedule of Classes.

4. All education classes scheduled 4 p.m. and later will have their final examinations during the Final Examination Period at their scheduled class times. Those education classes meeting in the Benjamin Education Building (EDU) will have their exams in their same rooms; any outside the building may have a new room. The College of Education will notify the instructors who will in turn notify the students of the new rooms.

Academic Dishonesty

A. CHEATING

Intentionally using or attempting to use unauthorized materials, information or study aids in any academic exercise.
Comments:
1. Students completing any examination should assume that external assistance (e.g., books, notes, calculators, conversation with others) is prohibited unless specifically authorized by the instructor.
2. Students must not allow others to conduct research or prepare any work for them without advance authorization from the instructor. This comment includes, but is not limited to, the services of commercial term paper companies.
3. Substantial portions of the same academic work may not be submitted for credit or honors more than once without authorization.

B. FABRICATION

Intentional and unauthorized falsification or invention of any information or citation in an academic exercise.
Comments:
1. "Invented" information may not be used in any laboratory experiment or other academic exercise without notice to and authorization from the instructor.
2. One should acknowledge reliance upon the actual source from which cited information was obtained.
3. Students who attempt to alter and resubmit returned academic work without notice to the instructor would be in violation of this section.

C. FACILITATING ACADEMIC DISHONESTY

Intentionally or knowingly helping or attempting to help another to commit an act of academic dishonesty.

D. PLAGIARISM

Intentionally or knowingly representing the words or ideas of another as one's own in any academic exercise.
Comments:
1. *Direct Quotation:* Every direct quotation must be identified by quotation marks or by appropriate indentation and must be promptly cited in a footnote. (Proper footnote style for many academic departments is outlined by the MLA Style Sheet or K.L. Turabian's, *A Manual for Writers of Term Papers, Thesis and Dissertations).*
2. *Paraphrase:* Prompt acknowledgement is required when material from another source is paraphrased or summarized in whole or in part in your own words.
   A footnote acknowledging only a directly quoted statement does not suffice to notify the reader of any preceding or succeding paraphrased material.
3. *"Borrowed Facts or Information:* Information obtained in one's reading or research; which is not common knowledge among students in the course, must be acknowledged.
   Materials which contribute only to one's general understanding of the subject may be acknowledged in the bibliography and need not be immediately footnoted.

ACADEMIC DISHONESTY IS A SERIOUS OFFENSE WHICH FREQUENTLY RESULTS IN SUSPENSION OR EXPULSION FROM THE UNIVERSITY

TO REPORT ACADEMIC DISHONESTY DIAL 454-4746 AND ASK FOR THE "CAMPUS ADVOCATE"

STUDENTS ACCUSED OF ACADEMIC DISHONESTY SHOULD REQUEST A COPY OF THE DOCUMENT "PREPARING FOR AN ACADEMIC DISHONESTY HEARING", AVAILABLE IN THE JUDICIAL PROGRAMS OFFICE (454-2927)

Change of Address Procedure

Change in either local mailing or permanent address can be processed AT ANY TIME DURING THE SEMESTER IN WHICH THEY OCCUR. Address changes are posted to the computer by the Office of the Bursar. Address Change Forms are available at the following places:

1. Office of the Bursar, Address Unit, South Administration Building, Room 1121 or 1103, 8:30 a.m. to 4:15 p.m., Monday-Friday.
2. Registration Counter, North Administration Building, First Floor Lobby, 8:30 a.m.-4:30 p.m. Monday through Friday.
3. Deans' Offices, 8:30-4:30 p.m., Monday-Friday

Since many University communications to students are handled through the mail, it is imperative that accurate and up-to-date addresses be maintained throughout the enrollment period. During the academic year the permanent address for currently registered students will be used for grade reports, combined early registration schedules and bills, and other billings. The local address on file for currently registered students will be used for all other mailings. The permanent address on file for students not currently registered will be used for all mailings. Any student wishing his/her address to be kept confidential should contact the Registration Counter.

All requests for non-disclosure of information will be implemented as soon as publication schedules will reasonably allow. The University will use its best efforts to maintain the confidentiality of those categories of information which a student properly requests not be publicly disclosed. The University, however, makes no representations, warranties or guarantees that information designated for non-disclosure will not appear in public documents.

Change of Name Procedure

A change of name can be processed at any time during the semester in which it occurs. Name Change forms are available at the Registration Counter, North Administration Building, First Floor Lobby, 8:30 a.m.-4:30 p.m., Monday-Friday. Proof of name change (court order, marriage license, driver's license) must be submitted with name change form.

Commencement Honors

Honors for excellence in scholarship are determined by the highest 2% Summa Cum Laude, the next 3% Magna Cum Laude, and the following 5% Cum Laude of the G.P.A.'s of the preceding three graduating classes of each degree granting unit. To be eligible for this recognition, a total of at least 60 semester credits earned at the University of Maryland is required. Of these 60 credits, at least 30 credits must have been earned at the College Park campus. No student with an average less than 3.00 will be considered. (The computation of the average does not include grades for courses taken during the last semester of registration before graduation, although the hours earned for that semester will apply toward the 60-hour requirement.)

Computer Science Center

Non-Credit Short Courses (Fall 1988)

Attend a *free* "Introduction to the Computer Science Center." One-hour orientation to the Computer Science Center seminar for new and potential computer users. No need to register; held during October. Look for dates and times in the Diamondback.

The Computer Science Center will hold its Fall 1988 series of non-credit computer short courses beginning in October. These courses are designed to provide an opportunity for the University of Maryland community to gain familiarity with the use of computers. Call the Program Library, X4261 for more information.

Disabled Student Services

Special assistance is available for students with disabilities. Among the services offered are: assistance with registration, reader services, interpreter services, and classroom accessibility information. Students should contact the D.S.S. office at the earliest possible opportunity prior to the registration period so that services can be arranged in advance.

454-5028 (voice)
454-5029 (TDD)

Contact the Disabled Student Service Office in the Counseling Center, Shoemaker Hall, Room 0126, 8:30 to 4:30 Monday through Friday.

FAMOUS LAST WORDS
FROM FRIENDS TO FRIENDS.

"Are you OK to drive?"
"What's a few beers?"

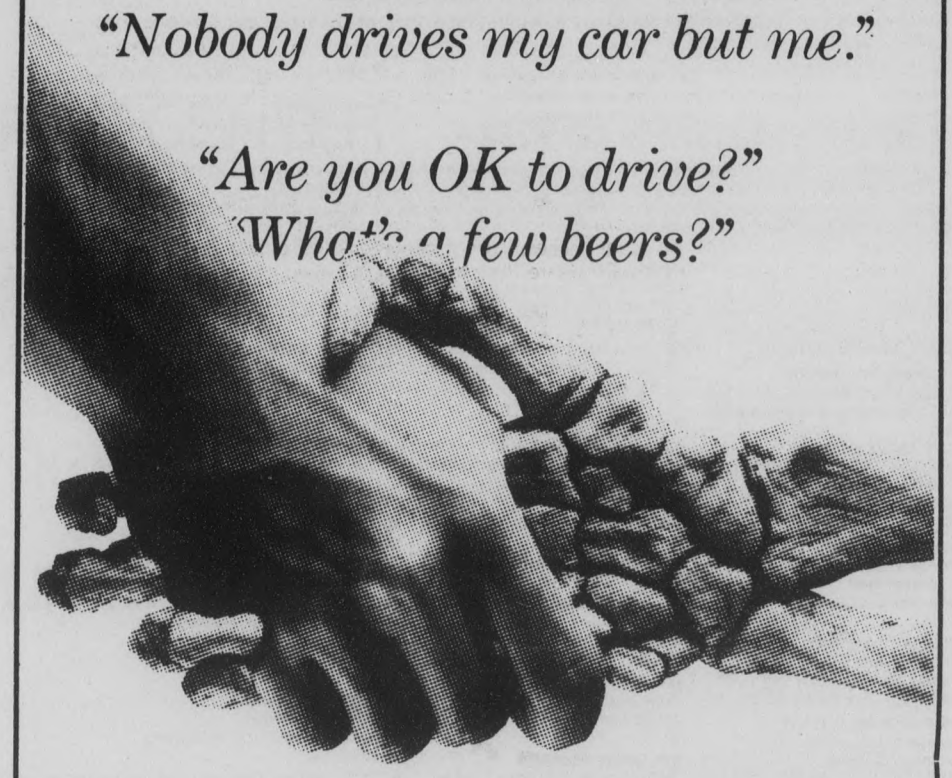
"Did you have too much to drink?"
"I'm perfectly fine."

"Are you in any shape to drive?"
"I've never felt better."

"I think you've had a few too many."
"You kiddin, I can drive
with my eyes closed."

"You've had too much to drink,
let me drive."
"Nobody drives my car but me."

"Are you OK to drive?"
"What's a few beers?"



DRINKING AND DRIVING CAN KILL A FRIENDSHIP.

U.S. Department of Transportation Ad Council

Adelphi

All the Extras
for Nothing Extra

OAKTON APARTMENTS

Wall-to-wall Carpeting
Spacious Rooms
Newly Remodeled Kitchens
Swimming Pool
Wooded Grounds
Solid Construction
Minutes to
University of Maryland
Close to Metro, School,
Shopping & Churches

ALL UTILITIES INCLUDED

434-4303

1, 2, & 3 Bedroom Apartments

Open Daily 9-6
Sunday 12-5

Directions: Capitol Beltway to Exit 28-B (New Hampshire) to second light (Adelphi Rd.) left on Adelphi. Proceed 1½ blocks to rental office at 9408 Adelphi.

Management by Dreyfuss

Emergency Weather Conditions

Code GREEN — Campus is open. All classes will start on time.

Code YELLOW — Campus opens two hours late. All classes scheduled to start prior to 10:00 a.m. are cancelled.

Code ORANGE — All classes are cancelled.

Code RED — The campus is closed. All classes are cancelled and all offices are closed.

Stations Designated to Broadcast Emergency Condition Reports

Radio Station	*Frequency*	*Location*	*TV Station*	*Channel*	*Location*
WTOP	1500 AM	D.C. Area	WRC	4	D.C. Area
WRC	980 AM	D.C. Area	WJLS	7	D.C. Area
WMAL	630 AM	D.C. Area	WUSA	9	D.C. Area
WGMS	103.5 FM	D.C. Area	WMAR	2	Baltimore Area
WBAL	1090 AM	Baltimore Area	WJZ	13	Baltimore Area
WCAO	600 AM	Baltimore Area	WBAL	11	Baltimore Area

CAMPUS INFORMATION: 454-3311

Engineering Jobs Hotline — 454-7676

This is a listing of currently available part-time, off- and on-campus engineering jobs paying various hourly rates. The line is in operation 24 hours a day. Call **454-7676.**

Experiential Learning Programs

0119 Hornbake Undergraduate Library, 454-4767

Experiential Learning Programs (ELP) offers four of the University's most exciting learning opportunities — internships, cooperative education, volunteer service, and student exchange. Each is designed to give students "hands-on" experience that can help them integrate classroom learning with practice, provide valuable on-the-job experience, make professional contacts, observe career fields first-hand, experience different educational, work or cultural environments and clarify personal and professional goals.

Internships

An internship is a paid or unpaid work experience with specific educational objectives that can be granted academic credit. Students can use extensive ELP listings, which include more than 2000 opportunities in more than 1300 organizations, businesses and agencies to identify possible internships. Directories and catalogues are also available in the ELP office which describe hundreds of other local and national positions. In addition, the ELP staff can show students how to investigate and design unique internship opportunities which might not be listed in our files. Once students have found a placement, they can enlist a full-time faculty member to provide sponsorship for academic credit.

Internship Credit Policies for ___ 386 / ___ 387

Students can earn academic credit for their internship experience through departmental internships or through the campus-wide internship courses ___ 386 Field Experience and ___ 387 Analysis of Field Experience. The following are Campus Senate Policies regarding ___ 386 / ___ 387:

- ___ 386 and ___ 387 may be taken by any student with the permission of a full-time faculty member, **if** it is a departmental option and in accordance with departmental requirements and internship policies.
- ___ 386 and ___ 387 must be taken concurrently.
- ___ 386 and ___ 387 may be taken for a letter grade or pass-fail.
- ___ 386 and ___ 387 are variable credit courses. Each may be awarded from 1-3 credits with a maximum of 6 credits for the two courses combined, unless otherwise stipulated by departmental policy.
- ___ 386 and ___ 387 may be taken only once in a given department.
- ___ 386 and ___ 387 may be taken in only one department per semester.
- ___ 386 and ___ 387 may be taken for a maximum of 24 credits in an undergraduate program.

Mandatory Learning Proposals

Learning Proposals, which can be obtained in the ELP office, are **mandatory** for all students taking ___ 386 Field Experience and ___ 387 Analysis of Field Experience. The Learning Proposal is a learning contract that spells out and clarifies the nature of a student intern's placement, learning objectives, specific responsibilities, supervision, in-service training, method of evaluation, and contact with the faculty sponsor. The process for developing a Learning Proposal is intended to include the student, faculty sponsor and the on-site supervisor, all of whom must sign the finished proposal before it is returned to ELP.

Students must have Learning Proposals completed and copies to ELP, faculty sponsors and on-site supervisors, no later than the third week of the semester. If the Learning Proposal is not completed, the student may have his/her ___ 386 / ___ 387 credit removed. It is, however, strongly recommended that the Learning Proposal be completed before a student registers for ___ 386 / ___ 387. Thus, the student, faculty sponsor and on-site supervisor can be in agreement about the expectations of the internship experience prior to registration.

Cooperative Education for Liberal Arts and Business

Cooperative Education is the most intensive form of experiential learning. Students alternate one or two semesters of full-time paid employment with semesters of full-time study. Co-op employees include hundreds of agencies within the federal government and leading private organizations. Most co-op students are then offered permanent positions after graduation. To be eligible a student must have completed 36 credits, 12 of which must be from UMCP, with a 2.0 G.P.A., cumulative and in major. Sign-up for one of our weekly information sessions to learn how co-op can help you earn a future while you earn a degree! But remember, you need to apply a full semester in advance of when you would like to co-op, so stop by today!

Volunteer Service

Students can learn while being of service to others as a student volunteer. The ELP office lists more than 400 different opportunities for community and public service in a variety of settings, addressing such issues as child welfare, family services, illiteracy, hunger, homelessness, and environmental preservation. Students are encouraged to incorporate some volunteer service as part of their undergraduate experience. The opportunities to be of service are almost without limit.

National Student Exchange Program (NSE)

The National Student Exchange Program offers UMCP students the opportunity to study at 75 participating public colleges and universities across the country. UMCP students pay Maryland tuition and fees and exchange with a student wishing to come to College Park for a semester or a year. NSE offers the opportunity to explore new geographical settings, experience academic diversity, and study under different educational and social circumstances in various parts of the continental U.S, Hawaii, the Virgin Islands, and Puerto Rico. While the application deadline is March 1st for the following academic year, students who are interested in NSE are encouraged to contact the ELP office as soon as possible to plan for their exchange. Students may not exchange during their senior year.

Golden Identification Card Program

The College Park campus participates in the University of Maryland's Golden Identification Card Program. The campus will make available courses and various services to persons who are 60 years of age or older, who are residents of the State of Maryland and who are retired (not engaged in gainful employment for more than 20 hours per week); or who are under 60 years of age and are retired and disabled as defined by the Social Security or Railroad Retirement Act. When persons eligible for this Program apply for the Program and receive their Golden Identification Cards, they may register on a space available basis for credit courses as regular or special students in any session. Golden ID students must meet all course pre-requisite and co-requisite requirements. Golden ID students are not eligible for Consortium courses. Tuition and most other fees are waived. The Golden Identification Card will entitle eligible persons to certain academic services, including the use of the libraries, as well as certain other non-academic services. **Such services will be available during any session only to persons who have registered for one or more courses for that session.**

Golden ID students also have the opportunity to become involved wwith the Golden ID Student Association which provides cultural and social events, course recommendations, and peer advising.

Additional information may be obtained from the Office of Undergraduate Admissions, North Administration Building, 454-5559, or the Golden ID Student Program, Room 0119 Hornbake Library, 454-4767.

Guidelines to Administration for Examinations and Tests, Including Those on Religious Holidays

All examinations and tests shall be given during class hours in accordance with the regularly scheduled (or officially "arranged") time and place of each course listed in the *Schedule of Classes and/or the Undergraduate Catalog*. Unpublished changes in the scheduling or location of class/tests must be approved by the department chairman and reported to the Dean. It is the responsibility of the student to be informed concerning the dates of announced quizzes, tests and examinations

It is the policy of the University to excuse the absences of students that result from religious observances and to provide without penalty for the rescheduling of examinations and other written tests that fall on religious holidays. In addition, examinations and other written tests may not be scheduled on Rosh Hashannah, Yom Kippur, or Good Friday. An instructor is not under obligation to give a student a make-up examination unless the absence was caused by illness, religious observance, participation in University activities at the request of University authorities, or compelling circumstances beyond the student's control. In cases of dispute the student may appeal to the Chair of the department offering the course, *within one week from the date of the refusal of the right to take a make-up exam.*

A make-up examination, when permitted, must be given on Campus, unless the published schedule and course description require other arrangements. The make-up examination must be at a time and place mutually agreeable to the instructor and student, cover only the material for which the student was originally responsible, and be given while the material is still current. The make-up must not interfere with the student's regularly scheduled classes. In the event that a group of students require the same make-up examination, one make-up time may be scheduled at the convenience of the instructor and the largest possible number of students involved. Under the same guidelines students shall have equal access to all information and drills missed due to the reasons listed.

Health Center

Check out the Health Center located directly across from the Stamp Union on Campus Drive for primary care of illness and injury, health promotion and maintenance, consultation or education. Health Center services include the dental clinic, men's clinic, women's clinic, skin care, sports medicine, physical therapy, nutrition counseling, mental health, social services, laboratory, and a pharmacy. Individual and group health education programs are also available on topics such as sexual health and contraception, stress management, substance use and abuse, and sexuality and communication.

The Health Center is open 24 hours, seven days a week. Hours vary during semester breaks and holidays. Appointments are recommended. Students, however, are also seen on a walk-in basis. Some problems may require referral outside the Health Center at the student's expense.

Currently registered students who have paid the health fee are eligible for care. This fee covers most routine costs. There are additional charges for special services such as X-ray, laboratory tests, dental treatment, allergy injections, and pharmacy supplies.

All information in student medical records is confidential. Medical information is released only with the student's written permission or court-ordered subpoena. The Health Center does not issue routine absence excuses for illness or injury. In cases of prolonged absence or a missed exam, with the student's signed permission, the Health Center will verify dates of treatment.

Health Center telephone numbers to remember: information X3444, appointments X4923, mental health service X4925, pharmacy X6439, health insurance X6750, health education X4922.

UMCP Human Relations Code

THE UMCP HUMAN RELATIONS CODE PROHIBITS DISCRIMINATION WITHIN THE COLLEGE PARK COMMUNITY ON THE BASES OF:

- race
- color
- creed
- sex
- sexual harassment
- age
- marital status
- national origin
- personal appearance
- political affiliation
- mental or physical handicap
- the exercise of the rights secured by the First Amendment of the United States Constitution, such as the right to assemble peacefully, freedom of speech, including the expression of sexual preference.

If you feel you have been subjected to any form of discrimination, you may file a complaint with a member of the Human Relations Code Equity Team, which includes:

MS. GLADYS BROWN, J.D.
Campus Compliance Officer and Acting Director
UMCP Human Relations Programs
1107 Hornbake Library
X4124 or X4707

EQUITY ADMINISTRATORS:

MR. JAMES N. NEWTON
College of Engineering
1131 Engineering Classroom Bldg.
X2421

MR. EUGENE M. BRITT
College of Agriculture and College of Life Sciences
1221 Symons Hall
X3743

DR. JUDY BROWN
College of Business and Management
3410 Tydings Hall
X2406

DR. KENT CARTWRIGHT
College of Arts and Humanities
Francis Scott Key Hall
X6797

DR. CAROLINE B. CODY
College of Education
Benjamin Building
X2014

DR. REESE CLEGHORN
College of Journalism
2109 Journalism Building
X5715

MR. WILLIAM D. CUNNINGHAM
College of Library and Information Services
4111C Hornbake Library
X2376

MS. MAITLAND W. DADE
Office of Institutional Advancement
2101 Turner Laboratory
X4198

DR. MARIE DAVIDSON
Academic Affairs
1119 Main Administration Building
X2052

MS. SHARON FRIES
Student Affairs
2108 North Administration
X2925

DR. EFFIE A. HACKLANDER
College of Human Ecology
1100C Marie Mount Hall
X5387

MS. DIANA JACKSON
College of Behavioral and Social Sciences
2141 Tydings Hall
X5272

MR. FRANK MORRIS
School of Public Affairs
Morrill Hall
X6193

MS. LYNETTE OVERBY
College of Physical Education, Recreation and Health
2314 PERH Building
X3096

MR. STEPHEN F. SACHS
School of Architecture
1205 Architecture Building
X4174

DR. JAMES M. WALLACE
College of Computer, Mathematical, and Physical Sciences
Mathematics Building
X4906

DR. SYLVIA STEWART
Administrative Affairs
1132 Main Administration Building
X4795

Identification Cards

New Photo Identification Cards will not be issued to students who currently have them.

Students who registered early for the Fall 1988 session will receive a new Registration Card along with their Class Schedule and Bill. This card will validate their Photo Identification Card. Both cards should be carried at all times.

Students who have not registered will receive identification cards when they do register.

Together the Photo Identification Card and Registration Card can be used by all students to withdraw books from the libraries, for admission to most athletic, social, and cultural events, and as a general form of identification on campus. Students who have food service contracts must use the Photo Dining Services Card for admission to the dining halls.

There is a replacement charge of $1.00 for lost or stolen Registration Cards and $7.00 for lost, stolen, or broken Photo Identification Cards.

Questions concerning the identification system should be addressed to the Office of Registrations (454-5365).

WE ALWAYS FIT INTO YOUR SCHEDULE.

AHSSU Adele H. Stamp Student Union

ART CENTER	x4754	Sponsor Art and Leisure Mini Courses, Parents Association Gallery. MTuWTh 11am-9pm SaSu 11am-5pm	(Room 0232) Moure, M
HOFF THEATER	x2594	Free sneak previews, feature films. TuWThFSaSu 7pm & 9:30 p.m. TuTh 4pm FSa midnight	(Room 0201) McCarthy, P
INFO DESK	x2801	Campus info, bus and Metro schedules. MTuWTh 8am-midnight FSa 8am-1am Su noon-midnight	(Room 1124) LaHoud, V
OUTHAUS	x2186	Outdoor equipment rentals and sales, resource center. ThFSaSuM noon-9pm	(Room B0201) Sharman, F
REC CENTER	x2145	Bowling, billiards and video games. MTuWTh 8am-10:30pm FSa 10am-12:30am Su noon-10:30pm	(Room B0100) Sharman, F
RECORD COOP	x5855	Records, tapes and CDs. MTuWTh 9:30am-9pm F 9:30am-8pm Sa 11am-6pm	(Room 0106) Mrusko, A
TICKET OFFICE	x2803	Tickets for school and area events. MTuWThF 10am-4:30pm Sa 9am-noon	(Room 0104) Duhart, F
UNION SHOP	x5928	Snacks, magazines, newspapers, Flower Cart. MTuWTh 7:30am-7:30pm F 7:30am-5pm Sa 11am-5pm	(Room 0118) Alperin, B

AND WE'LL NEVER FAIL YOU.

Stamp Student Union

International Student Information

F-1 Visa Students: Students with F-1 status are responsible for maintaining the regulations of the U.S. Immigration and Naturalization Service pertaining to their F-1 student status. The regulations affect areas concerning extension of stay, transfers, off-campus employment authorization, practical training and course loads. The Office of International Education Services is the only authorized office on campus to sign documents which must be forwarded to the Immigration Service.

Students on Nonimmigrant Student (F-1 and J-1) Visas: In order to maintain full-time student status for immigration purposes, undergraduate students are expected to register for and complete a minimum credit load of 12 hours per semester; graduate students are expected to register for and complete a minimum of 48 graduate units per semester. The Office of International Education Services must be notified in advance if you are going to complete the semester below the required minimum course load. Please watch for announcements from the Office of International Education Services about future changes in Immigration regulations.

Passports: Your passport must be kept valid at all times for at least six months into the future.

All Students on Immigration and Nonimmigrant Visas: Every semester, you are required to notify the Office of International Education Services of any change in your address and/or telephone number, in addition to notifying the Office of Registrations and Records. You will be required to show proof of health insurance.

International Students Information and Questions: The Office of International Education Services, Room 2115, North Administration Building.

Job Referral Service

The Job Referral Service, an extension of the Office of Student Financial Aid, maintains listings of available part-time, temporary, and summer jobs located on and off campus. There is no financial evaluation to determine the eligibility for positions listed. The jobs are offered independent of need.

This service is available at no cost to prospective employers and students. Employers list their vacancies through our office by calling 454-2821. Students must be enrolled for the current semester at the University of Maryland, College Park campus or University College. Peer advising is provided to help match student's qualifications with requirements of various positions.

The Job Referral Service is located in Room 3120 Hornbake Building (South Wing) and is open Monday-Friday from 8:30 a.m.-4:30 p.m. Students are encouraged to stop by or call 454-2490 for more information about the service.

Learning Assistance Service (LAS)

Located in the University of Maryland's Counseling Center, Shoemaker Building, LAS provides academic support for undergraduate and graduate students and faculty/staff. Areas of support include mathematics, writing, reading, examination skills, introductory college level science and statistics courses, note taking, time management, grammar, spelling and vocabulary. Special programs are also offered for returning students, international students and college-bound high school students. Call X2935 for information.

UMCP Libraries

UMCP Libraries includes over 1.8 million volumes, approximately 2.3 million microform units, and approximately 20,000 current periodicals and newspapers, as well as 600,000 government documents, 91,000 maps, 36,000 phonorecords, films and filmstrips, slides, prints, and music scores.

The **Theodore R. McKeldin Library** is the main library of the UMCP library system, containing automated and printed reference works, periodicals, circulating books, and other materials to support mainly the graduate and research programs of the University in the life sciences, social sciences and humanities. Special collections housed here include literary manuscripts and collections, the East Asia Collection, Maryland state documents and Maryland related books and manuscripts, University of Maryland archives, and U.S. Government documents.

The **Hornbake Library** houses reference, circulation, and reserve services aimed for undergraduates, a study room open 24 hours a day during spring and fall semesters, and the most study space of any campus library. The Nonprint Media Services Department on the fourth floor of Hornbake Library features color video tape players and playback units, enclosed rooms equipped with instructor's consoles for the use of nonprint media materials, dial access capabilities for instructional purposes, as well as tapes, records and films for use of the University community.

Besides Hornbake Library, other branch libraries include:

- **Art Library** (Art-Sociology Building)
- **Architecture Library** (Architecture Building)
- **Engineering and Physical Sciences Library** (Mathematics Building)
- **Music Library** (3rd floor, Hornbake Library)
- **White (Chemistry) Memorial Library** (Chemistry Building)

All University of Maryland students, faculty, and staff may borrow from all UMCP Libraries.

Off-Campus Housing Service

The Office of Commuter Affairs provides a free listing and referral service for all students, faculty and staff of the University who are seeking housing or have a property to rent. The office is located in 1195 Stamp Student Union and is open Monday-Friday, 8:30 a.m.-4:30 p.m. Extension X3645.

Policy on Non-Discrimination

The University of Maryland is an equal opportunity institution with respect to both education and employment. The University's policies, programs and activities conform to pertinent federal and state laws and regulations on non-discrimination regarding race, color, age, national origin, sex, and handicap. Inquiries regarding compliance with Title VI of the Civil Rights Act of 1964 as amended. Title IX of the 1972 Education Amendments, Section 504 of the Rehabilitation Act of 1973, or related legal requirements should be directed to the appropriate individual designated below.

Campus Compliance Officer and the Acting Director of the Office of Human Relations
Room 1107, Hornbake Library
University of Maryland, College Park
College Park, Maryland 20742

Campus Coordinator for §504 of the Rehabilitation Act of 1973
Room 2101, Main Administration Building
University of Maryland, College Park
College Park, Maryland 20742

Office of Public Service

The Office of Public Service provides information referral to outside callers interested in using the resources of any of the University's five campuses. Help is available to staff and students too. Located in the Elkins Building, 3300 Metzerott Road, Adelphi, Md. 20783. Hotline number: 454-3000.

Returning Students Program

Are you 25 or over and beginning or coming back to school after a break in your formal education? If so, the Returning Students Program, located on the second floor of the Shoemaker Building in the Learning Assistance Service, offers you many resources. Come and explore our extensive information and publications network. The Returning Students Program's professional counselors and returning students trained as peer advisors are available to help you. Call 454-2935 or stop by to see us. Our workshops in study skills, time management, goal setting, exam skills, and library skills are scheduled several times during each semester. EDCP 108R — a one-credit course for returning students is offered Fall and Spring semesters. This course includes exploration of academic, career, and personal goals, as well as study skills techniques and information about campus resources.

Shuttle-UM

Shuttle-UM offers commuter transit, night campus security transportation, charter service, and special service for disabled students. Commuter and evening schedules are available at the Stamp Union Information Desk, the Office of Commuter Affairs, and at the Shuttle-UM Office in Lot 7. For information, disabled transit scheduling, or chartering call 454-2255 (X CALL).

Sexual Harrassment

A revision of the 1980 statement on sexual harrassment has recently been issued by Chancellor Slaughter. The new statement, entitled *Campus Policy and Procedures on Sexual Harrassment,* may be obtained by calling the Human Relations Office, X4707.

Skills for Success Workshops

Interpersonal Growth Groups

The Counseling Center offers a skill-building workshop series entitled SKILLS FOR SUCCESS. The SKILLS FOR SUCCESS workshops are designed to help you more effectively meet the demands of your academic work, your career, and your personal relationships. The wide range of topics includes such things as **assertiveness training, career exploration and planning, study skills, time management, stress management, communication skills, and exam skills.**

The Counseling Center also offers a number of support and counseling groups for adult children of alcoholics, groups for individuals with eating problems, and groups for individuals with interpersonal problems. In addition, individual counseling is offered to deal with vocational, educational, emotional, social and marital concerns.

If you are interested in any of these programs, please stop by the Counseling Center in Shoemaker Building for program schedules and descriptions. Our receptionists will gladly assist you in registering for the program of your choice. Call 454-2931.

Smoking Policy

Effective with the Spring 1986 semester, a campus wide smoking policy went into effect. The policy of the College Park campus is to achieve a public environment as close to smoke-free as practicably possible.

The campus smoking policy is comprised of the following guidelines:

Smoking is prohibited in indoor locations where smokers and non-smokers occupy the same area. This includes academic areas such as: classrooms, lecture halls, laboratories, and libraries. Other no smoking areas include: conference rooms, indoor athletic facilities, theatres, retail stores, health facilities, and common/public areas such as: stairwells, elevators, lobbies, hallways, reception areas, and restrooms.

As a general rule, preferential consideration shall be given to non-smokers whenever it is clear that they are being exposed involuntarily to smoke. This policy relies on the thoughtfulness, consideration, and cooperation of smokers and non-smokers for its success. It is the responsibility of all members of the campus community to observe the Smoking Policy and Guidelines, and to direct those who choose to smoke to designated 'Smoking Permitted' areas.

Student Employment Center

The Student Employment Center is a centralized service for undergraduate students seeking on-campus employment within the Department of Resident Life. The SEC maintains job description books and has a bulletin board posting of all the positions for which the Department is recruiting and hiring. Positions include but are not limited to: desk receptionist, Resident Assistants, security staff, pest control crew, building and grounds maintenance. We will supply blank applications and process completed applications for all student positions in the Department. The SEC provides a free service to all full-time and part-time undergraduate students at the University of Maryland.

The Student Employment Center is located in Room 0117 of Cumberland Hall. Hours are: Monday-Friday 8:30 to 4:30. Telephone: 454-5111.

Study Abroad

Advising is available on study, travel, and work abroad opportunities. Listed below are study programs sponsored by the University of Maryland. If you do not see a program that interests you, advisors can refer you to numerous other programs sponsored by U.S. and foreign institutions.

Study in London — The curriculum consists of courses in the Humanities, Business and the Social Sciences which focus on Britain. Students are housed with families or in flats to increase their immersion in British life.

Study in Israel — Offers a semester of study in Israel for the Spring Semester. The program includes a week long orientation in Tel Aviv and Jerusalem, a kibbutz stay and an intensive Hebrew language course. Students then attend Tel Aviv University where they take courses taught in English that focus on Israeli and Middle East studies.

Study in China — Offers intensive Chinese language at the beginning to advanced levels during a spring semester in Beijing.

Study in Denmark — The curriculum offers courses in English focusing on contemporary Europe. Students housed with families or in dorms.

Study in Brazil — Offers courses in Portuguese at the Pontifical Catholic University of Rio de Janeiro.

Summer programs — For 1988 the following will be offered: German language in Kassel, West Germany and Architecture in Turkey.

Maryland Exchanges — There are exchanges with schools in China, England, Japan and Germany. All require at least 2 years of appropriate language study and a 3.0 GPA.

FOR INFORMATION, CONTACT: Study Abroad Office, 1113 North Administration Building, 454-8645.

TEL-UM INFO — A Phone Service of Free Information

QUESTIONS ABOUT UM?

. . . Call TEL-UM for the answers to the most commonly asked questions. Easily accessible information and referral to the appropriate person or office for follow-up.

Local 454-INFO / In Maryland — YOU MUST DIAL (800) then 492-0703 for access / Outside Maryland (301) 454-INFO

CALLING PROCEDURE:

- Select the tape number from the listing which you want to hear.
- Dial the appropriate phone number.
- An operator will answer and ask which tape you wish to hear.
- State the tape number to the TEL-UM operator.
- Listen to the tape.
- If you wish to hear another tape, hang up and dial again.

HOURS OF OPERATION

TEL-UM INFO is available seven days a week, excluding holidays, according to the following schedule:

Monday-Saturday	8:00 a.m.-12:00 midnight
Sunday	12:00 noon-12:00 midnight

(continued)

TEL-UM INFO — A Phone Service

ADMISSIONS
1. Application process (Undergraduate students)
400. Application process (Graduate students)
2. Application for Summer Session
3. Transfer of Academic Credit
151. Transfer from MD Community Colleges

ORIENTATION PROGRAM FOR NEW STUDENTS
4. Maryland Preview — Orientation Service for Freshmen, Transfers and Parents of New Students
5. Maryland Preview — Orientation Application Procedures
6. Maryland Preview — Changing Your Orientation Date
7. Advisement and Registration Procedures for Students Unable to Attend Orientation Programs
8. Tours of Campus
9. Campus Activities/Events Available to New Students Prior to Enrollment
10. Campus Size — A Help or a Hindrance?
130. Orientation Advisor Position
520. "First Look"

FINANCES
11. Student Fees (Undergraduate Students)
401. Student Fees (Graduate Students)
12. Student Fee Refunds
13. Financial Aid (Undergraduate Students)
402. Financial Aid (Graduate Students)
14. Establishing In-State Residency for Fee Purposes
15. Banking
606. Office of the Bursar/General Information

HOUSING
16. On-Campus Housing — Resident Life Services and Programs
17. On-Campus Housing — Maryland Residents
18. On-Campus Housing — Non-Maryland Residents
19. On-Campus Housing — Overflow
20. Off-Campus Housing — Fraternity and Sorority Boarding
403. Graduate Student Housing
21. Off-Campus Housing Service
22. Off-Campus Housing — Signing a Lease
23. Temporary Housing

FOOD ON CAMPUS
24. Eating on Campus
25. Board Plan Options
26. Special Board Options (Kosher, Vegetarian)

REGISTRATIONS
27. Early Registration
28. Registration during Orientation
29. Armory Registration
30. Changes in Registration (Drop/Add, Cancellation)
79. Student ID Cards
99. Transcript Requests

ACADEMIC SKILLS AND ISSUES
31. Academic Advising
32. Grading and Retention
80. Alternative Grading Options
107. Receiving a Grade of "Incomplete"
84. Academic Probation and Dismissal
83. Withdrawing from/Returning to the University
33. Choosing a Major
34. Changing a Major, College, Division
35. Credit by Examination
81. Honors Program
3. Transfer of Academic Credit
36. Taking Notes
37. Speed Reading
38. When, Where and What to Study
39. Test Anxiety
40. Tutoring Services
41. Reading and Study Skills Laboratory
82. Academic Dishonesty (Cheating, Plagiarism)
123. Academic Dishonesty II (for Faculty and Staff)
42. Special Requirements, College of Business and Management
43. Special Requirements, School of Architecture
44. Special Requirements, College of Engineering
109. Internships and Volunteer Service
121. Cooperative Education (Co-op)
44. On-Campus Opportunities in the Arts
46. Studying Abroad
47. Pre-Professional Programs and Advising
48. Library Facilities
99. Transcript Requests
112. Graduate Entrance Examinations
122. ROTC
500. Advising in Academic Divisions & Departments

ACTIVITIES/INVOLVEMENT/OPPORTUNITIES
110. Swim Facilities
50. Intramural Sports
51. On-Campus Leisure Opportunities
52. Fraternities and Sororities
53. Opportunities in the Arts
54. Intercollegiate Sports
85. Craft Shop (Student Union)
86. Recreation Center (Student Union)
87. Space Reservations (On-Campus)
88. Ticketron Service
96. Camping Equipment
55. Joining a Student Group
113. Resource Center for Student Organizations
89. Leadership Development Planning Team
90. Leadership Development Course
91. Leadership Workshops (Advanced)
98. Student Government
95. Alumni Association
114. Parent Association

CAREER ISSUES
92. Resume Preparation
93. Preparation for Employment Interviews
94. Establishing a Placement File (Credentials)
58. Career Development Services
601. Summer Jobs
602. Strategies for Researching the Hidden Job Market

STUDENT SERVICES
1. Admissions
15. Banks
56. Bookstore
57. Campus Activities
58. Career Development Services
116. Chapel Facilities
59. Child-Care Alternatives
60. Commuter Affairs
62. Counseling Center
63. Disabled Student Services
109, 121. Experiential Learning Center
118. Foreign Student Services
64. Health Center
65. HELP Center (Student Crisis Intervention Center)
117. Intensive Educational Development Office
115. Job Referral Service
97. Judicial Programs Office
66. Minority Support Systems
21. Off-Campus Housing
4. Orientation
41. Reading and Study Skills Laboratory
67. Religious Services
16. Resident Life
68. Returning Studens
13. Student Aid Office
69. Student Union
70. Veterans
119. Women's Programs and Services
49. Jewish Student Center
500. Advising in Academic Departments
600. Human Relations Office
603. Campus Mediation Service
604. Who was Adele H. Stamp?
607. Student Entertainment Enterprises Information Line

INTERPERSONAL
300. When Should I Seek Outside Help for Personal Problems?
301. Re-examining My Values
302. Coping with Shyness
303. Anxiety and Possible Ways to Cope With It
304. How to Deal with Loneliness
305. How to Handle Fears
306. Coping with Stress
307. The Female Sex Role — Changes and Stresses
308. The Male Sex Role — Changes and Stresses
309. Death and Dying
310. Understanding Grief
311. Helping a Friend
312. Early Signs of an Alcohol Problem
313. Responsible Decisions About Drinking
314. How to Deal With Depression
315. Becoming Independent from Parents
316. Suicidal Crisis

SECURITY
71. Protecting Yourself and Your Property
100. Personal Property Insurance

HEALTH
101, 312, 313. Alcohol
102. Drugs
103. Pregnancy Evaluation
111. Men's Clinic
104. Women's Health Clinic
105. Student Health Insurance
64. Health Center
61. Community Health Resources.
605. Adult Health and Development Program

STUDENT RIGHTS AND RESPONSIBILITIES
106. Students Rights and Responsibilities
82. Academic Dishonesty (Cheating, Plagiarism)
97. Judicial Programs Office
108. Legal Aid Office
120. Parking Ticket Appeals Process
600. Human Relations Office
603. Campus Mediation Service

TRANSPORTATION
72. Transportation Alternatives
73. Public Transportation
74. Car-pooling
75. Registering Your Car
120. Parking Tickets Appeals Process
76. Bicycles, Mopeds & Motorcycles
77. Parking
78. Shuttle-UM

COURSES
201. Afro-American Studies Program
202. ASTR 100 Introduction to Astronomy
203. BOTN 100 General Botany (Non-Science Majors)
204. BOTN 101 General Botany
205. CHEM 101 Introduction to College Chemistry
206. CHEM 203 College Chemistry I
207. THET 110 Introduction to the Theater
208. EDCP 108 College Aims (Reading & Study Skills, Career Planning, Survival Techniques, Returning Women)
209. ENGL 101 Freshman English, 101A, 101X
210. ENTM 100 Insects
211. GVPT 170 American Government
212. HIST 156 History of U.S. to 1865
213. HIST 157 History of U.S. (1865-1976)
214. JOUR 100 Introduction to Mass Communication
215. LENF 100 Introduction to Law Enforcement
225. MATH 001 Review of High School Algebra
216. MATH 110 Introduction to Mathematics I
217. MATH 115 Pre-Calculus I
218. MATH 140 Calculus I
219. Music Courses for Non-Music Majors
220. PSYC 100 Introduction to Psychology
221. Physical Education Courses
222. SPCH 100 Introduction to Speech
223. SOCY 100 Introduction to Sociology
224. ZOOL 101 General Zoology
225. MATH 001

UMaps

"Find Yourself" at UMCP. UMaps highlight campus opportunities by helping you to identify courses, clubs, activities, internships, and employment related to your particular areas of interest. Look for UMaps posted around campus, and pick up your personal copies at the Office of Commuter Affairs, 1195 Stamp Student Union, 454-3645.

University College Students

University College students who wish to enroll at the College Park campus while continuing to pursue a degree program at University College must first obtain a letter of permission from University College.

In order to be eligible for a letter of permission, UMUC students must have completed a minimum of 15 semester hours of coursework with University College and have an overall grade point average of 2.0 for all University of Maryland coursework. University College students who were previously enrolled at UMCP must have completed a minimum of 15 semester hours of coursework with University College with at least a "C" (2.0) grade point average.

Eligible students may request a letter of permission by writing the UMUC Office of Registration and Student Services at the Center of Adult Education, Room 0300, or by calling 985-7262. Please request the letter at least two weeks prior to the date it is needed. Present the letter to registration officials at UMCP in order to complete your registration.

Tutorial Services

FREE tutorial services are available to all UMCP students for most 100- and 200-level courses. Students will be tutored by highly skilled, selectively chosen graduate and undergraduate students. To request tutoring, go to the office of Special Student Support Services, Room 0112 Chemistry Building. You will be assigned a tutor at that time, or shortly thereafter. It is advisable to submit requests for tutoring **early** in the semester.

Students interested in becoming tutors should call 454-5648, or go to Room 0112 Chemistry Bldg. to pick up an application and to obtain further information.

Our office also maintains an extensive collection of past exams and quizzes for courses in chemistry, math, and various other subjects, which students may request, copy and return. To request past examination papers, go to Room 0112 Chemistry Bldg. You must present a valid University ID before receiving any past exam papers.

Transcript Services

An unofficial transcript will be available with your early registration materials each semester. This copy is for your personal use and serves as a way for you to check the accuracy of the record. At other times unofficial transcripts are not available unless required for on-campus advisement purposes for currently enrolled students. They are available at Deans' offices on campus.

If you have need of record information for other purposes, please request an official transcript at the Registrations Office, North Administration Building. Official transcripts are generally processed within a week and on occasion, the same day. Request must be in writing. A transcript cannot be processed if an outstanding debt is owed to the University. Contact the Records and Registrations Office (x5559) if you have further questions.

University Policy on Disclosure of Student Records (Buckley Amendment)

The University of Maryland adheres to a policy of compliance with the Family Educational Rights and Privacy Act (Buckley Amendment). With certain limitations, this Act requires and it is the policy of the University:

(1) To permit students to inspect their education records
(2) To limit disclosure to others of personally identifiable information from education records without student's prior written consent
(3) To provide students the opportunity to seek correction of their education records where appropriate.

Prior consent will not be required for disclosure of educational records to school officials of the University of Maryland who have been determined to have legitimate educational interests.

Certain information has been designated "Directory Information" and will be disclosed without prior consent unless a student files written notice. Directory information consists of:

Name	Participation in Officially Recognized Activities and Sports
Address	Weight and Height of Members of Athletic Teams
Telephone Listing	Dates of Attendance
Date and Place of Birth	Degrees and Awards Received
Photograph	Most Recent Previous Educational Institution Attended
Major Field of Study	

Students who wish to limit the disclosure of Directory information or wish access to their official records should obtain the appropriate form at the Registrations Counter, North Administration Building, and return the completed form to the Registrations Counter. **Requests to limit disclosure of Directory information must be made within 3 weeks from the first day of the semester in which the student begins each school year. Such requests must be filed annually within the above allotted time.**

Students alleging University noncompliance with the Family Educational Rights and Privacy Act may file a written complaint with the Family Educational Rights and Privacy Office, United States Department of Education, 330 Independence Avenue, S.W., Washington, D.C. 20201.

For complete University policy on access to and release of student data information, see the current edition of the *Undergraduate Catalog*.

Vehicle Registration:

Parking Registration Information

All students (except as noted below) who plan to attend the University during the Fall 1988 semester (whether they register early or not) are eligible to register to park on campus during the appropriate periods outlined below.

WHO??
All students who park a motor vehicle on the campus at any time must register with the Department of Campus Parking Management (DCPM), formerly the Motor Vehicle Administration. **IMPORTANT NOTICE:** Freshman and sophomore campus resident students are prohibited from registering or maintaining a vehicle on campus, therefore should not bring a vehicle to campus.

WHEN??
ALL STUDENTS EXCEPT CAMPUS RESIDENT FRESHMEN AND SOPHOMORES
During the period of July 11, 1988 through August 31, 1988, 8:30 a.m. to 4:15 p.m. Monday through Friday, Department of Campus Parking Management, Parking Garage 2, Building #202, corner of Field House Drive and Regents Drive.

— OR —

Armory, September 1 and September 2, 1988, 8:30 a.m. to 4:30 p.m. The DCPM Office will be open on September 1-2, 1988 from 8:30 a.m. to 4:15 p.m. and on September 6 and 7, 1988, 8:30 a.m. to 6:00 p.m. Other locations may be designated on these dates. (NOTE: The DCPM Office will be closed on Labor Day — Monday, September 5, 1988.)

— OR —

Thursday, September 8, 1988 and later, the Department of Campus Parking Management, Parking Garage 2, Building #202, corner of Field House Drive and Regents Drive, 8:30 a.m. to 4:15 p.m., Monday through Friday.

NOTE: Mail-in parking registration packets will be mailed on July 1, 1988 to a large portion of the student population who are registered for the Fall 1988 Academic Semester. Students who receive the packet should take advantage of the mail-in registration process. Students who do not receive a mail-in parking registration packet are encouraged to register for parking at the DCPM Office beginning July 11, 1988.

Because of the popularity of certain lots, i.e., 7 and 11, early registration is recommended.

HOW??
Effective with the Fall 1988 semester, the Department of Campus Parking Management will issue a **transferable hanging permit** to students who need to park their vehicle on campus. The adhesive fixed bumper decals will only be issued to motorcycles and non-locking vehicles. The new transferable parking permits are designed to be displayed on the vehicle's rearview mirror. This new program allows the student to transfer their transferable hanging permit to any number of vehicles. **THE STUDENT WHO PURCHASES A HANGING PERMIT WILL BE RESPONSIBLE FOR ALL PARKING VIOLATIONS INCURRED BY ANY VEHICLE(S) DISPLAYING THEIR PERMIT.** Failure to display a hanging permit on a vehicle while on campus will result in receiving a parking violation notice(s).

1. **BRING A STUDENT I.D. CARD.**
2. Pick up and complete University of Maryland application for a parking permit form and receive a transferable hanging parking permit. At the time of printing, the registration fee is $67.00 for Campus Resident students and $35.00 for Commuter students. (Fees are subject to change.) Parking registration charge may be included on student bill during Armory registration ONLY. At any other time or place, cash or check payment is required at the time you register for parking.

BICYCLES AND MOPEDS
Bicycles and mopeds should be parked in bicycle racks provided on campus. Maryland State Laws prohibit the securing/parking of a bicycle or moped in any manner which would obstruct or impede vehicular or pedestrian movement. Violators will be subject to having their bicycle/moped impounded.

Mopeds may not park in bicycle racks. If you have any questions, please contact DCPM Office at 454-4242.

HANDICAPPED PARKING
All persons associated with the University (including those displaying a State handicapped permit or tag) must purchase and display a UMCP-DCPM hanging permit for the current year. Upon the issuance of the UMCP-DCPM hanging permit, an additional UMCP-DCPM handicapped permit will be issued at no charge. This additional permit must be used in conjunction with the State handicapped permit or tag, in order for identifying person or passenger to use handicapped spaces, unpaid parking meters or any ungated parking lot on Campus.

Only persons for whom the handicapped privileges are extended are authorized to park in these special parking areas. Family members driving these vehicles must utilize their assigned parking lot(s).

Questions regarding motor vehicle registration should be referred to the Motor Vehicle Administration Office, 454-4242 or 4243.

Veterans Benefits

Students attending the University under the Veteran's Education Assistance Act may receive assistant and enrollment certification at the Veterans Certification Office on the 1st floor of the North Administration Building. The Staff is available to assist regarding monthly educational assistance checks as well as other benefits such as tutoring assistance and vocational rehabilitation services. Telephone 454-4555.

Academic and Advisement Information

College Organizational Chart

COLLEGE OF AGRICULTURE
- DEPARTMENT OF:
  - AGRICULTURAL ENGINEERING
  - AGRICULTURAL AND EXTENSION EDUCATION
  - AGRICULTURAL AND RESOURCE ECONOMICS
  - AGRONOMY
  - ANIMAL SCIENCES
  - HORTICULTURE
  - POULTRY SCIENCE
- INSTITUTE OF APPLIED AGRICULTURE
- PROGRAMS/CURRICULUM:
  - AGRICULTURAL CHEMISTRY
  - FOOD SCIENCE
  - GENERAL AGRICULTURE
  - NATURAL RESOURCES MANAGEMENT
  - UNDECIDED

VIRGINIA-MARYLAND REGIONAL COLLEGE OF VETERINARY MEDICINE — MARYLAND CAMPUS

SCHOOL OF ARCHITECTURE
- ARCHITECTURE AND ENGINEERING PERFORMANCE INFORMATION CENTER
- CENTER FOR ARCHITECTURAL DESIGN AND RESEARCH
- PROGRAMS/CURRICULUM:
  - ARCHITECTURAL HISTORY
  - DESIGN
  - PRESERVATION
  - TECHNOLOGY
  - URBAN STUDIES

COLLEGE OF ARTS AND HUMANITIES
- DEPARTMENT OF:
  - AMERICAN STUDIES
  - ART
  - CLASSICS
  - COMMUNICATION ARTS AND THEATRE
  - DANCE
  - ENGLISH
  - FRENCH AND ITALIAN LANGUAGES AND LITERATURES
  - GERMANIC AND SLAVIC LANGUAGES AND LITERATURES
  - HEBREW AND EAST ASIAN LANGUAGES AND LITERATURES
  - HISTORY
  - HOUSING & DESIGN
  - MUSIC
  - PHILOSOPHY
  - SPANISH AND PORTUGUESE LANGUAGES AND LITERATURES
- PROGRAMS:
  - COMPARATIVE LITERATURE
  - JEWISH STUDIES
  - LINGUISTICS
  - ROMANCE LANGUAGES
  - RUSSIAN AREA STUDIES
  - WOMEN'S STUDIES
- CENTERS:
  - ARCHAEOLOGY
  - RENAISSANCE AND BAROQUE STUDIES
  - LANGUAGE MEDIA CENTER
  - MARYLAND ENGLISH INSTITUTE

COLLEGE OF BEHAVIORAL AND SOCIAL SCIENCES
- CENTER FOR MINORITIES
- DEPARTMENT OF:
  - ANTHROPOLOGY
  - ECONOMICS
  - GEOGRAPHY
  - GOVERNMENT AND POLITICS
  - HEARING AND SPEECH SCIENCES
  - PSYCHOLOGY
  - SOCIOLOGY
- INSTITUTE OF CRIMINAL JUSTICE AND CRIMINOLOGY
- INSTITUTE FOR PHILOSOPHY AND PUBLIC POLICY
- INSTITUTE FOR URBAN STUDIES
- AFRO-AMERICAN STUDIES PROGRAM
- CENTER FOR INTERNATIONAL DEVELOPMENT
- INDUSTRIAL RELATIONS AND LABOR STUDIES CENTER
- MARYLAND PROJECT FOR WOMEN AND POLITICS
- SURVEY RESEARCH CENTER
- BUREAU OF BUSINESS AND ECONOMIC RESEARCH
- COMPUTER LABORATORY

COLLEGE OF BUSINESS AND MANAGEMENT
- CENTER FOR BUSINESS AND PUBLIC POLICY
- CENTER FOR INNOVATION
- CENTER FOR MANAGEMENT DEVELOPMENT
- CENTER FOR PRODUCTIVITY AND QUALITY OF WORKING LIFE
- SMALL BUSINESS DEVELOPMENT CENTER
- PROGRAMS/CURRICULUM:
  - ACCOUNTING
  - BUSINESS & MANAGEMENT — GENERAL
  - DECISION AND INFORMATION SCIENCES
  - FINANCE
  - MANAGEMENT SCIENCE & STATISTICS
  - MARKETING
  - PERSONNEL & LABOR RELATIONS
  - PRODUCTION MANAGEMENT
  - TRANSPORTATION

COLLEGE OF COMPUTER, MATHEMATICAL, AND PHYSICAL SCIENCES
- DEPARTMENT OF:
  - COMPUTER SCIENCE
  - GEOLOGY
  - MATHEMATICS
  - METEOROLOGY
  - PHYSICS AND ASTRONOMY
- CENTER FOR AUTOMATION RESEARCH
- INSTITUTE FOR ADVANCED COMPUTER STUDIES
- INSTITUTE FOR PHYSICAL SCIENCE AND TECHNOLOGY
- LABORATORY FOR PLASMA AND FUSION ENERGY STUDIES

COLLEGE OF EDUCATION
- DEPARTMENT OF:
  - COUNSELING AND PERSONNEL SERVICES
  - CURRICULUM AND INSTRUCTION
  - EDUCATION POLICY, PLANNING AND ADMINISTRATION
  - HUMAN DEVELOPMENT
  - INDUSTRIAL, TECHNOLOGICAL AND OCCUPATIONAL EDUCATION
  - MEASUREMENT STATISTICS AND EVALUATION
  - SPECIAL EDUCATION
- CURRICULUM LABORATORY
- CENTER FOR EDUCATIONAL RESEARCH AND DEVELOPMENT
- EDUCATIONAL TECHNOLOGY CENTER
- CENTER FOR YOUNG CHILDREN
- OFFICE OF LABORATORY EXPERIENCES

COLLEGE OF ENGINEERING
- DEPARTMENT OF:
  - AEROSPACE ENGINEERING
  - AGRICULTURAL ENGINEERING (See also College of Agriculture)
  - CHEMICAL AND NUCLEAR ENGINEERING
  - CIVIL ENGINEERING
  - ELECTRICAL ENGINEERING
  - FIRE PROTECTION ENGINEERING
  - MECHANICAL ENGINEERING
- CENTER FOR MINORITIES IN SCIENCE & ENGINEERING
- COOPERATIVE EDUCATION
- ENGINEERING RESEARCH CENTER
- INSTRUCTIONAL TELEVISION
- SYSTEMS RESEARCH CENTER

COLLEGE OF HUMAN ECOLOGY
- DEPARTMENT OF:
  - FAMILY AND COMMUNITY DEVELOPMENT
  - FOOD, NUTRITION AND INSTITUTION ADMINISTRATION
  - TEXTILES AND CONSUMER ECONOMICS
  - UNDECIDED

COLLEGE OF JOURNALISM
- CENTER FOR RESEARCH IN PUBLIC COMMUNICATION
- COLLEGE OF JOURNALISM
- ADVERTISING
- BROADCAST NEWS
- NEWS EDITORIAL
  - — NEWS
  - — MAGAZINES
  - — PHOTOJOURNALISM
  - — SCIENCE COMMUNICATION
- PUBLIC RELATIONS

COLLEGE OF LIBRARY AND INFORMATION SERVICES

COLLEGE OF LIFE SCIENCES
- DEPARTMENT OF:
  - BOTANY
  - CHEMISTRY AND BIOCHEMISTRY
  - ENTOMOLOGY
  - MICROBIOLOGY
  - ZOOLOGY
- MARINE AND ESTUARINE ENVIRONMENTAL STUDIES PROGRAM
- WATER RESOURCES RESEARCH CENTER
- PROGRAMS/CURRICULUM:
  - GENERAL BIOLOGICAL SCIENCES
  - UNDECIDED

COLLEGE OF PHYSICAL EDUCATION, RECREATION, AND HEALTH
- DEPARTMENT OF:
  - HEALTH EDUCATION
  - PHYSICAL EDUCATION
  - RECREATION
- CENTER ON AGING

SCHOOL OF PUBLIC AFFAIRS
BUREAU OF GOVERNMENTAL RESEARCH
- INSTITUTE FOR PHILOSOPHY & PUBLIC POLICY
- CENTER FOR INTERNATIONAL SECURITY STUDIES

UNDERGRADUATE STUDIES
- GENERAL HONORS PROGRAM
- GENERAL STUDIES PROGRAM
- INDIVIDUAL STUDIES PROGRAM
- ALLIED HEALTH PROFESSIONS
- PRE-DENTISTRY
- PRE-MEDICAL
- PRE-LAW
- EXPERIENTIAL LEARNING PROGRAMS
- UNDERGRADUATE ADVISING CENTER
- CAREER DEVELOPMENT CENTER
- SPECIAL STUDENT SUPPORT SERVICES
- INTENSIVE EDUCATIONAL DEVELOPMENT PROGRAM
- UPWARD BOUND TALENT SEARCH
- RETENTION OFFICE

College Locations and Deans

College	*Location*	*Dean*	*Office*	*Phone*
Agriculture	1114 Symons Hall	Dr. Raymond J. Miller	1114 Symons	X6332
Architecture	1298 Architecture	Prof. John A. Steffian	1212 Architecture	X3427
Arts & Humanities	1111 Francis Scott Key	Dr. James H. Lesher (Acting)	1101 Francis Scott Key	X6790
Behavioral & Social Sciences	2115 Tydings Hall	Dr. Murray E. Polakoff	2141 Tydings	X2301
Business & Management	2136 Tydings Hall	Dr. Rudolph P. Lamone	3140 Tydings	X5383
Computer, Mathematical & Physical Sciences	2300 Math Bldg.	Dr. J. Robert Dorfman	2300 Math Bldg.	X4906
Education	1210 Harold R. Benjamin (Education Bldg.)	Dr. Dale P. Scannell	3119 Harold R. Benjamin (Education Bldg.)	X2013
Engineering	1131 Engineering Classroom Bldg.	Dr. George E. Dieter	1137 Engineering Classroom Bldg.	X2421
Graduate School	2nd floor, South Administration	Dr. Jacob Goldhaber	2133F South Administration	X4791
Human Ecology	1100 Marie Mount Hall	Dr. John R. Beaton	1100 Marie Mount Hall	X2136
Journalism	2109 Journalism Bldg.	Prof. Reese Cleghorn	2105 Journalism Bldg.	X2228
Library & Information Services	4105 Hornbake Library	Dr. Claude E. Walston	4105E Hornbake Library	X5441
Life Sciences	1114 Symons Hall	Dr. Raymond J. Miller	1114 Symons Hall	X6332
Physical Education, Recreation & Health	3310 Physical Education, Recreation & Health Bldg.	Dr. John J. Burt	3310H PERH Bldg.	X5616
Public Affairs	2105 Morrill Hall	Dr. Michael Nacht	3106C Morrill Hall	X6193
Undergraduate Studies	1117 Hornbake Library	Dr. Gerald Miller (Acting)	1115 Hornbake Library	X6231

Course Numbering System (All Students)

UNDERGRADUATE — eligible to register for courses numbered 000-499.

GRADUATE — eligible to register for courses numbered 400-899.

Course Numbering System

Number	Eligibility
000-099	Non-credit course
100-199	Primarily freshman course
200-299	Primarily sophomore course
300-399	Junior, senior course not acceptable for credit toward graduate degrees
400-499	Junior, senior course acceptable for credit toward some graduate degrees
500-599	Professional School course (Dentistry, Law, Medicine) or post-baccalaureate course
600-899	Course restricted to graduate students
799	Masters Thesis credit
899	Doctoral dissertation credit
	NOTE: Courses with last digit of 8 or 9 can be repeated for additional credit

Graduate Student Academic Information

See pages 7 and 8 for Graduate Student Registration Procedures

Advisement: Graduate students registering for courses must have the approval of their program advisors in order to make certain that the minimum Graduate School and program requirements are being satisfied. See page 8 for specific advising procedures required by your program.

Full Time Status: Effective August 1973, official status (either full-time or part-time) for academic purposes will be determined on the basis of a student's registration at the end of the Schedule Adjustment Period. The Schedule Adjustment Period is defined as the first ten days of classes.

To be certified as a full-time student a graduate student must be officially registered for a combination of courses equivalent to 48 units per semester. Graduate assistants holding regular appointments are full-time students if they are registered for at least 24 units in addition to the assistantship. Courses taken for Audit do not generate graduate units and cannot be used in calculating full-time or part-time status.

Table for Computing Graduate Units

Course Number	Graduate Unit
000-399	2 units per credit hr.
400-499	4 units per credit hr.
500-599	5 units per credit hr.
600-898	6 units per credit hr.
799	12 units per credit hr.
899	18 units per credit hr.

Program Changes: Graduate students wishing to change programs or degree objectives must submit a new application to the Graduate School. Current deadlines for new applications apply.

Pass-Fail: Graduate students are not eligible for the Pass-Fail grading option for courses numbered 400 and above.

Undergraduate Academic Information

Advising (Undergraduate Students)

Academic advising is an essential part of an undergraduate's educational experience at the University of Maryland. It is available to all students at College Park, but it is the responsibility of the student to make arrangements for advising with the appropriate person. Students are encouraged to use the many advisement opportunities available.

NOTE: For the following groups advising is mandatory:

Newly admitted freshman and transfer students, concurrent enrollment students, students on academic warning, students seeking reinstatement after dismissal or withdrawal, students nearing senior status, students not meeting fundamental studies requirements, student athletes, and students in certain majors and colleges.

Students in pre-majors: see advisor listings below for locations.

Undergraduate advisors, their room numbers and telephone extensions are listed below. Students who are unable to locate an advisor, or who have questions about campus advising programs should visit or call the Undergraduate Advising Center, Room 1117, Hornbake Library, 454-2733 or 454-3040.

Academic Advisors

	Advisors	Room	Ext.
COLLEGE OF AGRICULTURE			
General Information			
Dr. Raymond Miller, Dean		SYM-1114	6332
Dr. Glenn W. Patterson, Acting Associate Dean		SYM-1122	3708
Dr. Albert J. Klavon, Assistant Dean		SYM-1224	5257
Dr. Amel Anderson, Assistant Dean		SYM-1224	5257
Dr. Ronald J. Sebiel, Assistant Dean		ASA-2303	3938
AGRICULTURAL CHEMISTRY	Keeney, M.	CHM-2500	4417
AGRICULTURAL & RESOURCE ECONOMICS	Foster, D. W. (Coord.)	SYM-2102	1481
	Hardie, I. W.	SYM-2212B	3728
	Lessley, B. V.	SYM-2213	5762
AGRICULTURAL ENGINEERING	Shirmuhammadi, A.	SHR-1108	3901
	Stewart, L. E.	SHR-1130	3901
AGRICULTURAL & EXTENSION EDUCATION	Cooper, E. L.	SYM-0102	3738
AGRONOMY			
Crops	McIntosh, M.	HJP-0111	3717
Soils	Weil, R. R.	HJP-1103	4787
Turf & Urban Agronony	Welterlen, M. S.	HJP-1114	3716
Conservation — Soil, Water and Environment	Weil, R. R.	HJP-1103	4787
ANIMAL SCIENCE			
Coordinator	DeBarthe, J. V.	ANS-1103	4642
Dairy/Livestock	DeBarthe, J. V.	ANS-1103	4642
Poultry	Doerr, J. A.	ANS-3129A	5060
COMBINED DEGREE CURRICULUM — COLLEGE OF AGRICULTURE + VETERINARY MEDICINE + PRE-VETERINARY PROGRAM	Bradley, L. D.	ASA-1316	4631
	Ingling, A. L.	ASA-1316	4631
NATURAL RESOURCES MANAGEMENT	Gibson, G. R. (Coord.)	SYM-0218	3738
FOOD SCIENCE	Wiley, R. C. (Coord.)	HZF-1122A	2829
	Schlimme, D. V.	HZF-1122B	6526
GENERAL	Grant, L. P. (Coord.)	SHR-0104	3901
HORTICULTURE			
Crop Production & Science			
(A-L)	McClung, C. A.	HZF-1122C	3007
(L-R)	Gouin, F. R.	HZF-1111	3143
(S-Z)	Hershey, D. R.	HZF-1105A	2356
Landscape Design	Gould, W.	HZF-2107B	2759
PRE-FORESTRY	Kundt, J. F.	HZF-1109	6464
UNDECIDED	Grant, L. P.	SHR-0104	3901
SCHOOL OF ARCHITECTURE			
General Information			
Stephen Sachs, Associate Dean		ARCH-1298	3427

Advisor assignments available in Room 1298, Architecture.
PRE-ARCHITECTURE — **Students admitted prior to Fall 1987** — Your advising location is the College of your alternate major; if you did not choose an alternate major your advising location is the Undergraduate Advising Center.
Students admitted for Fall 1987 and later — Your advising location is the College of Arts & Humanities, Rm. 1111, Francis Scott Key Hall.

COLLEGE OF ARTS AND HUMANITIES			
Dr. James H. Lesher, Acting Dean		KEY-1101	6796
College Advisor Undergraduates	Bondurant, D.	KEY-1111	2737
	Doyle, T.	KEY-1111	2737
General Information			
AMERICAN STUDIES PROGRAM	Mintz, L.	TLF-2116	4661
ART STUDIO	Forbes, J.	ASY-1M320	3431
ART HISTORY	Caswell, J. M.	ASY-4222	3431
CHINESE	Sargent, S.	JMZ-2106	5152
COMPARATIVE LITERATURE	Peterson, C.	JMZ-4223	2685
DANCE	Wiltz, A.	TEE	4056
ENGLISH	Herman, H.	TLF-1122	2521
FRENCH & ITALIAN	Barrabini, M.	JMZ-3106F	4303
GERMAN	Frederiksen, E.	JMZ-3211	4301
GREEK	Duffy, J.	JMZ-4211	2510
HEBREW	Manekin, C.	JMZ-2106	5152
HISTORY	Folsom, K.	KEY-2101H	2843
HOUSING AND DESIGN			
Advertising Design	Roper, J.	MMH-1401	6325
	Gipps, T.	MMH-1401E	6267
	Thorpe, J.	MMH-2407E	5471
	Dean, S.	MMH-2407D	5498
Interior Design	Eckersley, M.	MMH-1401D	6268
	Kjaer, B.	MMH-2407F	5464
Housing	Bonta, J.	MMH-1401	2150
	Chen, A.	PKT-1105	6325
JAPANESE	Kerkham, E.	JMZ-2106	4307
LATIN	Duffy, J.	JMZ-2510	2510
LINGUISTICS	Hornstein, N.	MIL-1109	7002
MUSIC	Cooper, J.	TWS-2110	2501
PHILOSOPHY	Pasch, A.	SKN-1119B	2850
RADIO, TELEVISION & FILM	Kirkley, D.	TWS-0207	2297
RUSSIAN AREA STUDIES	Lampe, J.	KEY-2129	4204
RUSSIAN LANGUAGE & LITERATURE	Berry, T.	JMZ-3215	4301
SPANISH & PORTUGUESE	Rentz, M.	JMZ-2215	4305
SPEECH COMMUNICATION	Binghan, S.	TWS-0148A	6901
THEATRE	Meersman, R.	TWS-0240	6214
WOMEN'S STUDIES	Moses, C.	MIL-1135	3841
UNDECIDED MAJORS	Bondurant, D.	KEY-1111	2737

PRE-DESIGN AND PRE-RADIO, TELEVISION AND FILM — **Students admitted prior to Fall 1987** — Your advising location is the college of your alternate major; if you did not choose an alternate major your advising location is the Undergraduate Advising Center.
Students admitted for Fall 1987 and later — Your advising location is the College of Arts & Humanities.

COLLEGE OF BEHAVIORAL AND SOCIAL SCIENCES			
Dr. Murray Polakoff, Dean		TYD-2141	5272
Dr. Stewart Edelstein, Associate Dean		TYD-2141	5272
Dr. Katherine Pedro Beardsley, Assistant Dean		TYD-2141	5272
Dr. Diana Ryder Jackson, Assistant Dean		TYD-2141	5272
Ms. Chris Witherspoon, Assistant to the Dean		TYD-2141	5272
Mr. Thomas S. Hiles, Director of Development		TYD-2141	5272
ADVISEMENT AND RECORDS			
Coordinator Advising & Records	Scholl, G.	TYD-2115	2301
	Villamizar, A.	TYD-2115	2301
Candidate Clearance	King, B.	TYD-2105	2301
College Academic Advisors	Dantzler, B.	TYD-2115	2301
	George, T.	TYD-2115	2301
	Marcks, L.	TYD-2115	2301
	Hillman, L.	TYD-2115	2301
	Hays, J.	TYD-2115	2301
Minority Center	Langa, M.	LEF-2101	4225
UNDERGRADUATE PROGRAMS			
AFRO-AMERICAN STUDIES PROGRAM	Williams, M.	LEF-2169	6676
ANTHROPOLOGY	Dent, J.	WDS-1106	6746
CRIMINOLOGY, LAW ENFORCEMENT	Wellford, C.	LEF-2220	7970
ECONOMICS	Straszheim, M.	TYD-3115	5443
GEOGRAPHY	Cirrincione, J.	LEF-1113	2241
GOVERNMENT & POLITICS	Lanning, E.	LEF-2181F	6739
HEARING AND SPEECH SCIENCE	McCall, J.	LEF-0141H	2546
PSYCHOLOGY	Scholnick, E.	ZOP-1128	6691
SOCIOLOGY	Altman, B.	ASY-2108	5036
URBAN STUDIES	Marando, V.	LEF-1119	6687

UNDECIDED — See a college advisor.
PRE-ECONOMICS — **Students admitted prior to Fall 1987** — Your advising location is the college of your alternate major; if you did not choose an alternate major your advising location is the Undergraduate Advising Center.
Students admitted for Fall 1987 and later — Your advising location is the College of Behavioral and Social Sciences, Rm. 2141, Tydings Hall.

COLLEGE OF BUSINESS AND MANAGEMENT			
Dr. Rudolph P. Lamone, Dean			
Dr. Burt A. Leete, Associate Dean			
Dr. Judy S. Brown, Assistant Dean			
Dr. Lee E. Preston, Director, Ph.D. Program			
Ms. Mary Anne Waikart, Director, Masters Programs			
Ms. Loretta V. Saks, Assistant Director, Masters Programs			
Ms. Leslie Paddock-Coleman, MBA Placement Director			
Dr. J. G. Mattingly, Director of Undergraduate Studies			
Ms. Bonnie Zager, Assistant Director of Undergraduate Studies			
Undergraduate Advisors	Blaine, D.	TYD-2136	4314
	Foulke, L.	TYD-2136	4314
	Jarrell, J.	TYD-2136	4314
	Zak, M.	TYD-2136	4314
Records Office, Business	Posner, M.	TYD-2136	4314
	Pometto, J.	TYD-2136	4314
	Welsh, S.	TYD-2136	4314

PRE-BUSINESS — **Students admitted prior to Fall 1987** — Your advising location is the college of your alternate major; if you did not choose an alternate major your advising location is the Undergraduate Advising Center.
Students admitted for Fall 1987 and later — Your advising location is the Undergraduate Advising Center.

COLLEGE OF COMPUTER, MATHEMATICAL AND PHYSICAL SCIENCES			
Dr. J. R. Dorfman, Dean		MTH-2300	4906
Undergraduate Academic Information			
Dr. Thelma M. Williams, Assistant Dean		MTH-2300	4596
Student Records	Williams, T.	MTH-2300	4596
	Coleman, R.	MTH-2300	4596
General Information			
ASTRONOMY	Matthews, T.	CSS-0223	5937
COMPUTER SCIENCE (special problems)	Austing, R.	CSS-2309B	2002
GEOLOGY	Chang, L.	GEO-1115	3548
	Stifel, P.	GEO-1115	3548
MATHEMATICS	Berg, K.	MTH-1117	2746
PHYSICS	Crabill, J.	PHY-1120	3501
PHYSICAL SCIENCES	Williams, T.	MTH-2300	4596

PRE-COMPUTER SCIENCE AND PRE-ENGINEERING — Your advising location is Rm. 2300, Math Bldg.

COLLEGE OF EDUCATION

General Information

Dr. Dale Scannell, Dean		EDU-3119	2013
Graduate Student Services	Campbell, E.G.	EDU-1205	3745
Undergraduate Student Services	Lewis, A.	EDU-1210	2017
EDUCATION POLICY, PLANNING AND ADMINISTRATION	Warren, D.	EDU-3112B	5424
Administration and Supervision	Dudley, J.	EDU-3112A	5766
Curriculum and Theory Development	Selden, S.	EDU-0109C	5766
Educational Communications	Splaine, J.	EDU-2215	5766
Educational Policy	Huden, D.	EDU-2110D	5776
Higher and Adult Education	Carbone, R.	EDU-3112C	5766
Social Foundations	Lindsay, R.	EDU-0101C	5766
COUNSELING & PERSONNEL SERVICES	Hershenson, D.	EDU-3214A2	2026
School Psychology	Pumroy, D.	EDU-3214B	2026
	Teglasi, H.	EDU-3234A	2026
	Strein, W.	EDU-3234B	2026
School Counseling	Greenberg, K.	EDU-3222	2026
	Rhoads, D.	EDU-3234C	2026
Community Counseling	Schlossberg, N.	EDU-3228	2026
	Spokane, A.	EDU-3214A	2026
	Schlossberg, N.	EDU-3228	2026
College Student Personnel		EDU-3218	2026
Counseling Psychology	Birk, J.	EDU-3216	2026
	Hoffman, M.	EDU-3234E	2026
Rehabilitation Counseling	Power, P.	EDU-3208	2026
	Lawrence, R.	EDU-3234F	2026
Counseling & Consultation	Hershenson, D.	EDU-3214C	2026
CURRICULUM AND INSTRUCTION	Arends, R	EDU-2311B	7346
Early Childhood	Amershek, K	EDU-2207B	7429
	Church, M.	EDU-1229	2341
	Fein, G.	EDU-0311F	3409
Elementary Education	Saracho, O.	EDU-1117	2120
	Eley, G.	EDU-2219	5712
	Herman, W.	EDU-2227	5448
	Jantz, R.	EDU-2229	5480
	Johnson, M.	EDU-2209	4941
	Roderick, J.	EDU-2231	5343
	Sublett, H.	EDU-2211	5934
	Weaver, P.	EDU-2233	4762
	Williams, D.	EDU-2219	5712
Secondary Education			
Art	Craig, R.	EDU-2304C	6288
	McWhinnie, H.	EDU-2304C	6288
English/Speech	McCaleb, J.	EDU-2304J	6290
	Slater, W.	EDU-2311J	6290
Foreign Language	DeLorenzo, W.	EDU-2304G	6416
	Markham, P.	EDU-2223	5590
Library Science	Williams, H.	HBK-4121J	6068
Math	Campbell, P.	EDU-2304F	7346
	Davidson, N.	EDU-2207A	2762
	Henkelman, J.	EDU-2223	5590
Music	Folstrom, R.	TWS-3141	2501
Physical Education	Young, J.	PRH-2338	3072
Reading	Brigham, B.	EDU-1117	2120
	Davey, B.	EDU-2304K	6417
	Dreher, J.	EDU-1117	2120
	Gambrell, L.	EDU-1117	2120
	Garner, R.	EDU-1117	2120
	Wilson, R.	EDU-1117	2120
Science			
	Holliday	EDU-0231	2024
	Layman, J.	EDU-0211	2024
	Lockard, D.	EDU-0211	2024
Social Studies	Cirrincione, J.	EDU-2227	5448
	Farrell, R.	EDU-2227	5448
INDUSTRIAL, TECHNOLOGICAL AND OCCUPATIONAL EDUCATION	Maley, D.	JMP-3216	5692
Industrial Arts	Beatty, C.	JMP-3216J	4264
	Leutkemeyer, J.	JMP-3216G	4264
Industrial Technology	Elkins, R.	JMP-2210	4264
	Hunter, A.	JMP-3216	4264
	Mietus, W.	JMP-3216P	4264
	Sullivan, D.	JMP-3216	4264
Vocational Education	Maley, D.	JMP-3216	5692
	Stough, K.	JMP-3216B	4264
Business Education	Peters, R.	JMP-2210C	4264
	Spear, M.	JMP-3216	4264
Distributive Education	Anderson, C. R.	EDU-3119	4566
Home Economics Education	Hultgren, F.	JMP-2210	4264
	Inana, M.	JMP-2210B	4264
HUMAN DEVELOPMENT, INSTITUTE FOR CHILD STUDY	Bennett, S.	EDU-3304	2034
	Tyler, B.	EDU-3304	2034
MEASUREMENT, STATISTICS AND EVALUATION	Lissitz, R.	EDU-4101	3413
SPECIAL EDUCATION	Angeletti, K.	EDU-1235	2118
	Beckman, P.	EDU-1311E	2118
	Burke, P.	EDU-1308	4704
	Cooper, D.	EDU-1308	2118
	Egel, A.	EDU-1311G	2118
	Graham, S.	EDU-1311F	2118
	Harris, K.	EDU-1308	2118
	Hebeler, J.	EDU-1308	2118
	Kohl, F.	EDU-1311C	2118
	Leone, P.	EDU-1311B	2118
	Malouf, D.	EDU-1220	2118
	Noel, M.	EDU-2304	2118
	Ogle, P.	EDU-1235	2118
	Seidman, E.	EDU-1311A	2118
	Simms, B.	EDU-1311D	2118
	Speece, D.	EDU-1308	2118

PRE-EDUCATION — Go to Room 1210 Education Building for advising assignment and information.

COLLEGE OF ENGINEERING

General Information

Dr. George Dieter, Dean		EGR-1137	6347
James Newton, Acting Assistant Dean		EGR-1131	2421
Counselors	Berman, J.	EGR-1131	2421
Center for Minorities in Science and Engineering	Gahn, S.	EGR-1131	2421
Rosemary Parker, Acting Director		EGR-1134	7219
Alem Asres, Acting Assistant Director		EGR-1134	7219
AEROSPACE	Barlow, J.	WTU-2102	2413
AGRICULTURAL	Stewart, L.	SHR-1130C	3901
CHEMICAL	Regan, T.	CHE-2139	7898
CIVIL	Garber, D.	EGR-1163	2225
ELECTRICAL	Pugsley, J.	EGR-3186	4172
FIRE PROTECTION	Bryan, J.	EGR-0147	2424
MECHANICAL	Walston, W.	EGR-2188	2409
NUCLEAR	Munno, F.	CHE-2309A	2430
Engineering Co-op Program	Winick, H.	EGR-1137B	5191

PRE-ENGINEERING — **Students admitted prior to Fall 1987** — Your advising location is the College of your alternate major; if you did not choose an alternate major your advising location is the College of Computer, Math & Physical Sciences, Rm. 2300, Math Bldg.
Students admitted for Fall 1987 and later — Your advising location is the College of Computer, Math & Physical Sciences, Rm. 2300, Math Bldg.

COLLEGE OF HUMAN ECOLOGY

General Information

Dr. John Beaton, Dean		MMH-1100F	2136
Dr. Effie Hacklander, Associate Dean		MMH-1100D	5387
Undergraduate Student Records	Hay, G.	MMH-1100B	5181
FAMILY & COMMUNITY DEVELOPMENT	Billingsley	MMH-1204A	6424
Family Studies	Anderson, E.	MMH-1204	6022
	Epstein, N.	MMH-1204C	6422
	Gaylin, N.	MMH-1204D	5905
	Leslie, L.	MMH-1204J	6361
	Rubin, R.	MMH-1204L	6424
	Myricks, N.	MMH-1204E	5925
	Werlinich, C.	MMH-1218B	6188
	Lyons, E.	MMH-1204	6914
Community Studies	Hula, R.	MMH-1204G	5965
Management & Consumer Studies	Churaman, C.	MMH-1204F	6425
	Hanna, W.	MMH-1204A	2142
FOOD, NUTRITION & INSTITUTION ADMINISTRATION	Curtis, S.	MMH-3307	5289
Dietetics	Prather, M.	MMH-3306	5271
	Williams, E.	MMH-3309	5372
Community Nutrition	Taylor, M.	MMH-3303	5163
	Williams, E.	MMH-3309	5372
Foods	Chol, Y.	MMH-3302	4401
	Curtis, S.	MMH-3307	5289
Institution Administration	Norton, V.	MMH-3215	2455
	Noble, J.	MMH-3307	5289
Nutrition Research	Ahrens, R.	MMH-3301	4564
	Moser-Veillion	MMH-3308	5371
TEXTILES AND CONSUMER ECONOMICS	Smith, B.	MMH-2100A	5150
Apparel Design	Anderson, C.	MMH-2108	6481
Text. Mkt./Fashion Merch.	Dardis, R.	MMH-2106	6493
	Paoletti, J.	MMH-0301B	6494
	Wagner, J.	MMH-2100D	6486
Consumer Economics	Brannigan, V.	MMH-1411	6489
	Dardis, R.	MMH-2106A	6493
	Ettensen, R.	MMH-2100F	6485
	Verma	MMH-2108	7998
Textiles	Block, I.	MMH-2100H	6490
	Hollies, N.	MMH-0303A	6491
	Pourdeymmi	MMH-2108	8605
	Smith, B.	MMH-2100A	5150
	Spivak, S.	MMH-2100E	6487
	Yeh, K.	MMH-2100B	6484

COLLEGE OF JOURNALISM

Prof. Reese Cleghorn, Dean			
Dr. Greig M. Stewart, Assistant Dean		JRN-2115	2228
Undergraduate Advisors	Cummins, J.	JRN-2114	2228
	Petersen, D.	JRN-2114	2228
	Jones, T.	JRN-2114	2228

PRE-JOURNALISM — **Students admitted prior to Fall 1987** — Your advising location is the college of your alternate major; if you did not choose an alternate major your advising location is the Undergraduate Advising Center.
Students admitted for Fall 1987 and later — Your advising location is the College of Arts & Humanities, Rm. 1111, Francis Scott Key Hall.

COLLEGE OF LIBRARY & INFORMATION SERVICES

Dr. Claude Walston, Dean		HBK-4105	5441
Student Records and General Information	Diepenbrock, J.	HBK-4110	3016
Undergraduate Advisor	Williams, H.	HBK-4111G	6068

COLLEGE OF LIFE SCIENCES

General Information

Dr. Raymond Miller, Dean		SYM-1114	6332
Dr. Albert J. Klavon, Assistant Dean		SYM-1224	5257
Dr. Amel Anderson, Assistant Dean		SYM-1224	5981
BOTANY	Barnett, N. (Coord.)	HJP-3214	3821
	Berg, L.	HJP-1225	3812
CHEMISTRY/BIOCHEMISTRY	Durso, M. (Coord.)	CHM-1320	5231
ENTOMOLOGY	Armstrong, E. (Coord.)	SYM-2309	7122
MICROBIOLOGY			
(A-D)	Cook, T. (Coord.)	SKN-0113	5381
(E-G)	Smith, A.	SKN-2131B	2848
(H-J)	Hetrick, F.	SKN-0115	5411
(K-L)	Yuan, R.	SKN-3131A	6698
(M-N)	Voll, M.	SKN-2130	5218
(O-Q)	Joseph, S.	SKN-2131	2848
(R-T)	Powell, D.	SKN-3101	2591
(U-Z)	Weiner, R.	SKN-3100	5364
ZOOLOGY	Linder, H. (Coord.)	ZOP-3202	5131
	Barnett, A. J.	ZOP-2231	5131
	Imberski, R. B.	ZOP-3280	6590
	Inouye, D. W.	ZOP-4206	4085
	Olek, A.	ZOP-3218	7101
GENERAL BIOLOGICAL SCIENCES	Berg, L. (Coord.)	HJP-1225	3812
Animal Science emphasis	Ottinger, M. A.	ANS-3132	5061
Botany emphasis	Motta, J.	HJP-2112	3994
Chemistry emphasis	Klavon, A.	SYM-1110	5257
Ecology emphasis	Berg, L.	HJP-1225	3812
Entomology emphasis	Armstrong, E.	SYM-2309	7122
Genetics emphasis	Bottino, P.	HJP-3223	3812
Marine Biology emphasis	Berg, L.	HJP-1225	3812
Microbiology emphasis	Cook, T.	SKN-2131	5381
Physiology emphasis	Berg, L.	HJP-1225	3812
Zoology emphasis	Linder, H.	ZOP-3202	6249
Undeclared/Generalist	Berg, L.	HJP-1225	3812
	Barnett, N.	HJP-3214	3821
	Koines, P.	HJP-1227	3812

COLLEGE OF PHYSICAL EDUCATION, RECREATION AND HEALTH

General Information

Dr. John Burt, Dean		PRH-3310D	5616
Dr. Jerry Wrenn, Asst. Dean, Student Affairs		PRH-3310B	5616
Mr. Frank Fellows, Asst. Dean, College Facilities		PRH-3310C	2755
Lu Hoxie, Student Records		PRH-3310H	3192
Program Advisors			
PHYSICAL EDUCATION			
Kinesiological Sciences	Tyler, R.	PRH-2310	6252
Teacher Education	Owens, L.	PRH-2338	3072
RECREATION			
Therapeutic Recreation, Outdoor Recreation, Administrative or Program Recreation	Ward, V.	PRH-2358	3069
HEALTH EDUCATION			
Community Health, School Health	Hyde, D.	PRH-2374	3369

PRE-HEALTH & PRE-PHYSICAL EDUCATION — Your advising location is the College of Physical Education, Recreation and Health, Room 3310H PERH Building.

UNDERGRADUATE STUDIES

Dr. Gerald R. Miller, Acting Dean		HBK-1115	2530
Dr. Roger McIntire, Associate Dean		HBK-1117	2530
Dr. Leo La Sota, Acting Assistant Dean		HBK-1115	2530-1
BACHELOR OF GENERAL STUDIES DEGREE PROGRAM			
	Baron, K.	HBK-1115	2530
	Brenner, L.	HBK-1115	2530
	Jadlos, C.	HBK-1115	2530
	Sullivan, K.	HBK-1115	2530
HEALTH PROFESSIONS ADVISING			
Pre-Dentistry			
Pre-Medicine			
Pre-Dental Hygiene			
Pre-Optometry			
Pre-Osteopathy			
Pre-Podiatry	Love, N.	TUR-3103	2540
Pre-Dental Hygiene			
Pre-Medical Technology			
Pre-Nursing			
Pre-Pharmacy			
Pre-Physical Therapy	Stewart, D.	TUR-3103	2540
INDIVIDUAL STUDIES PROGRAM			
Dr. Leo LaSota, Acting Assistant Dean		HBK-1115	2530-1
UNDERGRADUATE ADVISING CENTER (UAC)			
Dr. Betty Beckley, Coordinator for Undergraduate Advising		HBK-1117	2733
UAC ADVISORS			
Freshmen	Whittemore, W.	HBK-1117	2733
Pre-Business	Devaney, C.	HBK-1117	2733
	Murry, B.	HBK-1117	2733
	Reid, O.	HBK-1117	2733
Transfers	Miller, L.	HBK-1117	2733
	Firestone, K.	HBK-1117	2733
Undeclared	Steen, T.	HBK-1117	2733
	Taub, D.	HBK-1117	2733
PRE-LAW	Buhlig, P.	HBK-1117	2733

Additional advisors are available. Contact the principal advisors listed above.

OFFICE OF MINORITY STUDENT EDUCATION

Minority Advisement Program

F. D. Westbrook, Acting Director	HBK-1101	4901
Dr. Ronald Zeigler, Research Coordinator	HBK-1101	4901
Joel Smith, Academic Coordinator	HBK-1101	4901
Judith Young, Secretary	HBK-1101	4901

General University Requirements

Consult the Undergraduate Catalog for GUR information.

Requirements for Satisfactory Academic Progress — Undergraduate Students

THE FOLLOWING STANDARDS FOR UNDERGRADUATE ACADEMIC PERFORMANCE BECAME EFFECTIVE IN THE FALL 1984 SEMESTER. THEY APPLY TO ALL UNDERGRADUATE STUDENTS ON THE COLLEGE PARK CAMPUS, WHETHER PREVIOUSLY ENROLLED OR NEWLY ADMITTED.

GRADE POINT AVERAGE (G.P.A.)

1. Requirements for satisfactory academic progress are based solely upon grade point average. This is computed by dividing the TOTAL NUMBER OF QUALITY POINTS accumulated in courses for which a grade of A, B, C, D, or F has been assigned by the TOTAL NUMBER OF CREDITS ATTEMPTED in those courses. Courses for which a grade of "P", "S", "W", "I", or "NGR" has been assigned are NOT included in computing the G.P.A.

2. Each letter grade has a numerical value: A = 4; B = 3; C = 2; D = 1; F = 0. Multiplying this value by the number of credits for a particular course gives the number of quality points earned for that course:

A = 4 B = 3 C = 2 D = 1 F = 0	×	NUMBER OF CREDITS IN THE COURSE	=	TOTAL QUALITY POINTS FOR THE COURSE

3. When a course is REPEATED, only credits and quality points for the higher grade assigned for that course are counted in total credits attempted and total quality points.

4. An example of how a SEMESTER G.P.A. and a CUMULATIVE G.P.A. are calculated is given below:

Course	*Credits Attempted Attempted*	*Grade*	*Quality Points*
ENGL 101	3	C	6
MATH 110	3	B	9
ZOOL 101	4	A	16
PSYC 100	3	D	3
HIST 156	3	F	0
Current Semester Totals	16		34
Previous Semester Totals	27		74
	43		108

$$\text{SEMESTER G.P.A.} = \frac{\text{SEMESTER QUALITY POINTS}}{\text{SEMESTER CREDITS ATTEMPTED}} = \frac{34}{16} = 2.125$$

$$\text{CUMULATIVE G.P.A.} = \frac{\text{TOTAL QUALITY POINTS}}{\text{TOTAL CREDITS ATTEMPTED}} = \frac{108}{43} = 2.511$$

SATISFACTORY PERFORMANCE

A student whose cumulative G.P.A. is at least 2.00 will be considered as making satisfactory academic progress at the College Park campus.

Within any given semester, a student who completes 12 or more credits (excluding grades of 'P' and 'S') with a SEMESTER G.P.A. of 3.500, or higher, will be awarded **"ACADEMIC HONORS."** This notation will be placed on the student's transcript.

UNSATISFACTORY PERFORMANCE

Students with a CUMULATIVE G.P.A. of less than 2.00 fall into three categories: UNSATISFACTORY PERFORMANCE, ACADEMIC WARNING, and ACADEMIC DISMISSAL. The cumulative G.P.A. that defines each of these categories varies according to the CREDIT LEVEL as noted below.

CREDIT LEVEL = Courses completed at University of Maryland with grades of A, B, C, D, F, P, S and Transfer Credit from other institutions.

CREDIT LEVEL	*UNSATISFACTORY PERFORMANCE*	*ACADEMIC WARNING*	*ACADEMIC DISMISSAL*
0-13	1.999-1.290	1.289-0.230	0.229-0.000
14-28	1.999-1.780	1.779-1.280	1.279-0.000
29-56	1.999-1.860	1.859-1.630	1.629-0.000
57-74	1.999-1.940	1.939-1.830	1.829-0.000
75 OR MORE	—	1.999-1.940	1.939-0.000

1. Students whose cumulative G.P.A. falls within the **UNSATISFACTORY PERFORMANCE** category at the end of any semester will be urged, in writing, to meet with an advisor.
2. Students who receive an **ACADEMIC WARNING** will have that notation entered on their transcript and will be informed, in writing, to consult with an advisor prior to the beginning of the next semester. STUDENTS WHO DO NOT MEET WITH AN ADVISOR WILL NOT BE ALLOWED TO DROP OR ADD COURSES OR TO REGISTER FOR THE FOLLOWING SEMESTER.
3. **ACADEMIC DISMISSAL**
   A. Depending on the credit level attempted, students will be academically dismissed at the end of any semester when their CUMULATIVE G.P.A. falls into the ACADEMIC DISMISSAL range.
   B. After attempting 60 or more credits, any student who receives an ACADEMIC WARNING for TWO CONSECUTIVE SEMESTERS will be academically dismissed.
   C. No student transferring to the College Park Campus from OUTSIDE the University of Maryland system will be academically dismissed at the END OF THE FIRST SEMESTER if the cumulative G.P.A. is 0.23, or higher. After this first semester, the student will be subject to normal standards for academic progress. **NOTE: This provision does not apply to students reinstated or readmitted to the College Park Campus.**

ADDING/DROPPING COURSES

1. The FIRST TEN DAYS OF CLASSES during the Fall and Spring semesters are designated as being the SCHEDULE ADJUSTMENT PERIOD. A similar period of time is set aside during both summer sessions.
2. During the schedule adjustment period, students may ADD courses, DROP courses, or CHANGE SECTIONS. PART-TIME STUDENTS should pay particular attention to DIRECTIONS/DEADLINES in the Schedule of Classes to avoid incurring additional charges.
3. Courses ADDED during the schedule adjustment period will appear on the student's permanent record along with courses previously listed.
4. Courses DROPPED during the schedule adjustment period will NOT appear on the student's permanent record.
5. **Drop Policy —** The DROP PERIOD for Undergraduate Students will begin at the close of the Schedule Adjustment Period and terminate at the END OF THE TENTH WEEK OF CLASS. **DURING THE DROP PERIOD, A STUDENT MAY DROP A MAXIMUM OF FOUR CREDITS.** If a course is more than four credits, the student may drop the entire course. In the case of a variable credit course, the credit level may be reduced by up to four credits.
6. Courses dropped after the schedule adjustment period will be recorded on the student's transcript with a "W" notation. This mark is NOT used in computing the semester or cumulative G.P.A.

REPEATING COURSES

1. Any course may be repeated. If a course is repeated in which a student already has earned a mark of A, B, C, D, P, or S, the subsequent attempt will not increase the total credits earned to ward the degree. Only the highest mark will be used to compute the G.P.A.
2. A student may register for a course NO MORE THAN THREE TIMES. A course dropped with a "W" notation will count as one of these three registrations.
3. Incompletes — The mark of "I" cannot be removed through re-registration for the course or through "credit by examination."

ACADEMIC REGULATIONS

Students who need additional information about the STANDARDS FOR SATISFACTORY UNDERGRADUATE PROGRESS or about other academic policies and requirements at College Park should immediately contact an ACADEMIC ADVISOR in their division, college or department.

Credit by Examination
(Undergraduate Students)

Credit may be earned by examination for any undergraduate course for which a suitable examination has been adopted or can be prepared by the department granting the credit. This option is not available, however, for courses in which the student has been registered beyond the end of the Schedule Adjustment Period, i.e., the first 10 days of classes.

Additional information regarding availability of examinations, applications, fees and other regulations is available from the Undergraduate Advising Center, Room 1117, Hornbake Library. See Ms. Crouch.

Semester Credit Limits
(Undergraduate Students)

Limited to **19 credit hours** per semester

Any exceptions must be approved by the Dean. Forms for this purpose will be available in the Dean's Office and should be turned in with Registration materials.

Full-Time Status

Effective August 1973, official status (either full-time or part-time) *for academic purposes* will be determined on the basis of a student's registration at the end of the Schedule Adjustment Period. The Schedule Adjustment Period is defined as the first ten days of classes.

UNDERGRADUATE — Full-time — Registered for 9 or more semester hours at the end of the Schedule Adjustment Period. Note, however, that students on scholarships and grants are expected to maintain a semester credit load of 12 hours. If the registration of a student with a scholarship or grant falls below the required credit hours, the scholarship or grant is automatically cancelled. Cancellation of a scholarship or grant without subsequent payment of amounts due will lead to an indebtedness to the University. Such indebtedness can in turn lead to severance of services by the University.

Foreign Language Placement

NOTE: If you have taken an advanced placement exam in a foreign language contact the appropriate department to determine at which course level you should enroll.

College of Arts and Humanities Requirements: If students have had four levels of one foreign language or two levels in each of two foreign languages as recorded on their high school transcript, they are not required to take any foreign language in the college, although they may elect to do so.

Classics Department: Students who have had Latin in high school are encouraged to work at the highest level of which they feel capable. The departmental advisor, Professor Gregory Staley (Foreign Languages Building, Room 4210) will help students identify the appropriate courses in which to enroll. Normally students with less than one year of high school Latin take LATN 101. Those who enter with a full year of high school Latin register for LATN 102; with two full years, LATN 203. College credit is given to students who have earned a 3, 4, or 5 on the Advanced Placement Test in Latin.

French Department: All students must present a copy of their high-school transcript (or college transcript for transfer students) to the instructor on the first day of instruction in order to enroll in FREN 101, 101H, 103, 104 or 121. FREN 101 (or the accelerated version, FREN 121, or the Honors version, 101H), is open to students who have never studied French. FREN 102 is designed for students who have completed FREN 101 on this campus. FREN 103 is designed for students whose transcript shows completion of 2 years (Level 2) of elementary French; it is a review of work normally completed by the end of Level 2 in high-school. FREN 104 (or the accelerated version, FREN 122, or the Honors version, 104H) is designed for students whose transcript shows completion of 3 years (Level 3) of French. Exceptions may be granted only by permission of course chairperson. A student whose knowledge of French is deemed by the course chairperson to be above the level of the course requested by the student may not take that course except on an Audit basis.

College of Journalism Requirements. Completion, either by course work or placement, of the equivalent of 12 semester hours of foreign language study.

Spanish Department: Students with 2 or more years of high school Spanish must not register for SPAN 101 or 102. Students must present their high school transcript for proper placement on the first day of class if they wish to enroll in SPAN 101, 102, 102H or 103. See individual course descriptions for more details.

A student whose knowledge of Spanish is deemed by the course chairperson to be above the level of the course requested by the student may not take that course except on an audit basis. Students who have taken the equivalent of 203 at another institution, are deemed to have satisfied the language requirement for Arts and Humanities.

Students will not receive credit for SPAN 103 if they already have credit for both Spanish 101 and 102. When a student receives credit for any course above 102, he/she will not receive credit for any course which precedes it if it is in the same sequence. For example, if a student has credit for SPAN 311 (Advanced Conversation), he/she may not receive credit for SPAN 205 (Intermediate Conversation), if taken subsequently. Please consult the Departmental Advisor for additional information about Advanced Placement Tests and other credit and placement questions.

German and Spanish Placement Exam Schedule:
During the semester there will be placement testing in Room 0106, Shoemaker Building. To be admitted for testing, students must have a picture I.D. Testing will be on Tuesday, September 6 at 3:00 p.m. and Wednesday, September 14 at 2:00 p.m. in the Testing Room, Shoemaker Building. Bring a picture I.D. in order to be admitted. All other times call D. Adelstein (x4752) for an appointment.

Undergraduate Students — Academic Information (Continued)

Major Changes

If you wish to process a major change, go to the college associated with your desired new major to obtain approval, advisement information, and a "Change of Major" form.

Students contemplating a change in major to Architecture, Business & Management, Computer Science, Design, Economics, Education, Engineering, Journalism, or Radio, Television and Film, should contact the Office of Undergraduate Admissions, 454-4009, for additional information regarding special requirements for entrance into these programs. Students not admitted directly to these programs may choose a pre-major in these programs.

Second Major: A student wishing to complete a second major in addition to his/her primary major, must obtain written permission from both the Dean of the primary major college and the Dean of the secondary major college. Forms for application to a second major are available at all college offices.

NOTE: A student must be enrolled in the major program from which he or she plans to graduate when registering for the final 15 hours of the baccalaureate program.

Second Degree: Refer to the Undergraduate Catalog for Second Degree information.

Undergraduate Student Classifications

Freshman	1-27 semester hours
Sophomore	28-55 semester hours
Junior	56-85 semester hours
Senior	86 to at least 120 semester hours

Zero-Level Courses

CHEM 001* ENGL 001* GERM 001 JOUR 001 & 002 MATH 001* SLAV 001

Although these courses carry credit for billing and status purposes, they are regarded as having zero credit for academic calculation purposes. Therefore, these courses are excluded from the calculation of credits registered at the end of the Schedule Adjustment Period, from the calculation of quality points and from the calculation of cumulative grade point averages.

*CHEM 001, ENGL 001, and MATH 001 fees are also discussed under Fees and Expenses.

Pass-Fail Option (Undergraduate Students)

The following policy is currently under review by the Board of Regents. Students are encouraged to contact the office of the Dean of the College in which they are registered for information about the status of this review.

1. To register for a course under the pass-fail option, an undergraduate must have completed 30 or more credit hours of college credit with a G.P.A. of at least 2.0. At least 15 of these credit hours must have been completed at UMCP with a University of Maryland G.P.A. of at least 2.0.
2. Courses for which this option applies must be electives in the student's program. The courses may not be college, major, field of concentration, or General Education Program requirements.
3. Only one course per semester may be registered for under the pass-fail option.
4. No more than 12 semester hours of credit may be taken under the pass-fail option during a student's college career.
5. Students may not choose this option when re-registering for a course.
6. When registering under the pass-fail option, a course that is *passed* will count as *hours* in the student's record but will not be computed in the grade point average. A course that is *failed* will appear on the student's record and will be Pcomputed both in the overall average and in the semester average.

NOTE: CHANGES OF GRADING OPTION MAY BE PROCESSED ONLY DURING THE FIRST TEN DAYS OF CLASSES.

GRADUATE STUDENTS are not eligible for the PASS-FAIL grading option.

The University Studies Program

Virtually all American colleges and universities ask that students receiving a baccalaureate degree complete a common set of requirements. These common requirements are usually referred to by the generic term "general education." General education requirements represent a faculty's definition of the knowledge, awarenesses and skills that all graduates should possess before that faculty will give its consent to the awarding of a degree. General education is that portion of the degree requirements in which the entire faculty has a concern.

The University Studies Program is the general education requirement at the University of Maryland, College Park. This program must be completed by all students beginning baccalaureate study after May, 1980. It is intended to provide students with the intellectual skills and conceptual background basic to an understanding of the universe, society and themselves. The focus is not on any particular bodies of knowledge, for almost any subject matter can lead to an awareness of general modes of understanding the world. Thus, for example, it does not matter whether the student studies physics or botany as long as he or she comes away from the course with some understanding of the power of the empirical investigation that characterizes science.

The University Studies Program has three parts. The "Fundamental Studies" section of the program is intended to establish the student's ability to participate in the discourse of the university through demonstrated mastery of written English and mathematics. Those requirements are to be completed early in the student's program in order to serve as a foundation for subsequent work.

The "Distributive Studies" requirement is intended, through study in particular disciplines, to acquaint students with the different ways of analyzing and talking about the world that characterize the three areas into which the university's knowledge is traditionally divided: the physical and biological sciences, the social and behavioral sciences, and the arts and humanities. The fourth category, "History and Culture," includes courses that lead to the consideration of historical and cultural differences and the relationship of our own society to those of other times and places.

In fulfilling "Distributive Studies" requirements, students will have gained some experience of the way in which scholars in different kinds of disciplines make and organize observations about the world and arrive at general statements. It is the purpose of "Advanced Studies" courses to show how these different intellectual approaches compare with each other or may be used in complementary ways to analyze and solve problems. "Development of Knowledge" courses deal with the basis upon which people who use these different approaches claim to know something and the different kinds of insights to which these intellectual strategies lead. "Analysis of Human Problems" courses consider these matters in terms of specific cultural, social, scientific or aesthetic problems which may be approached from several points of view.

The University Studies requirements, designed to be spread throughout the student's four years, represent a third of the total academic work required for graduation. It is the purpose of this program, in combination with the extensive work of the major, to help prepare students to become productive, aware and sensitive members of society, capable of understanding their world and the many kinds of people in it and of taking responsibility for their own decisions and their own lives.

Outline of the Program

These requirements are effective for students entering in May, 1980 and thereafter, with 8 or less credits from this or any other institution. Students with 9 or more credits from this or any institution prior to May, 1980 may elect this program or the old General University Requirements. (See the Undergraduate Catalog for General University Requirements.)

I. FUNDAMENTAL STUDIES — 9 credits (Except for ENGL 391 or 393, must be completed by the time student has completed 30 credit hours).
   A. English Composition — 6 credits
      1. ENGL 101 — 3 credits
         a. Students with TSWE score below 330 take ENGL 101A.
         b. Students with AP score of 4 or 5, or SAT verbal of 600 or above are exempt.
         c. Students who achieve a score of 51 or above on the CLEP Subject Examination College Composition (with essay questions) are exempt.
      2. ENGL 391 (Junior Level Expository Writing) or 393 (Technical Writing) — 3 credits
         a. Must be taken *after* student has completed 56 credit hours (i.e., has reached junior standing).
         b. Students with A in ENGL 101 (but not 101A or 101X) are exempt.
   B. Mathematics — 3 credits
      MATH 110 (or the modular equivalent MATH 102-3-4) or MATH 115.
      1. Students with the following minimum examination scores or higher are exempt:
         a. SAT of 600 or above
         b. College Board Achievement Tests in Mathematics, Level I or II: 600
         c. Advanced Placement Examinations, Calculus AB or BC: 3
         d. Any CLEP *Subject* Examination in Mathematics: 60
      2. Successful completion of any of the following higher level entry courses than MATH 110: MATH 111, 140, 141, 150, 151, 220, 221, 240, 241, 246, 250, 251; STAT 100, 250.

II. DISTRIBUTIVE STUDIES — min.: 24 credits
   A. Culture and History (min.: 6 credits, 2 courses)
   B. Natural Sciences and Mathematics (min.: 6 credits, 2 courses)
      One course must be a laboratory science.
   C. Literature and the Arts (min.: 6 credits, 2 courses)
      Courses must be taken in two different departments, except HONR courses.
   D. Social and Behavioral Sciences (min.: 6 credits, 2 courses)

III. ADVANCED STUDIES — 6 credits
   This requirement may be fulfilled only *after* the student has completed 56 credit hours. It is intended that, in fulfilling this requirement, students choose courses that offer a contrast to the major rather than supplementing it. Courses to fulfill these requirements must be from two different departments outside the department of the student's major.
   A. The Development of Knowledge (1 course, 3 credits)
      Courses which focus on the creation, discovery, exploration, testing and evaluation of knowledge in one or more disciplines.
   B. The Analysis of Human Problems (1 course, 3 credits)
      Courses which focus on the application of knowledge from one or more disciplines to the study of important human problems.

A course taken to satisfy college, major, and/or supporting area requirements may also be used to satisfy University Studies Program (USP) requirements if it appears on the following list of approved courses for USP.

Courses chosen to meet DISTRIBUTIVE STUDIES requirements and ADVANCED STUDIES requirements may be taken on a PASS-FAIL basis. Since certain USP courses which are also used to satisfy college, major, and/or supporting area requirements may NOT be taken PASS-FAIL, students are urged to see an advisor before selecting this grading option. Courses used to satisfy USP FUNDAMENTAL STUDIES requirements may NOT be taken using the PASS-FAIL grading option.

Course numbers are subject to change. Please check with departments for verification of previous numbers.

DISTRIBUTIVE STUDIES: APPROVED COURSES

Course numbers are subject to change. Please check with departments for verification of previous numbers.

Distributive Studies (A) Cultural and Historical — Approved Courses*

AASP	100	Introduction to Afro-American Studies
AASP	200	African Civilizations
AASP	202	Black Culture in the United States
AMST	201	Introduction to American Studies I
AMST	205	Material Aspects of American Life
AMST	207	Contemporary American Cultures
ANTH	298A	Chesapeake: An Archaeology of Maryland
ANTH	298B	The First Americans
CHIN	101	Intensive Elementary Chinese I
CHIN	102	Elementary Spoken Chinese
CHIN	103	Elementary Written Chinese
CHIN	201	Intermediate Spoken Chinese I
CHIN	202	Intermediate Written Chinese I
CHIN	203	Intermediate Spoken Chinese II
CHIN	204	Intermediate Written Chinese II
CLAS	170	Greek & Roman Mythology
EDPA	210	Historical and Philosophical Perspectives on Education
ENGL	260	Introduction to Folklore
FMCD	330	Family Patterns
FREN	101	Elementary French I
FREN	102	Elementary French II
FREN	103	Review of Elementary French
FREN	203/203H	Intermediate French
FREN	121/121H	Accelerated French I
FREN	122/122H	Accelerated French II
FREN	311	French Conversation: Contemporary Issues
FREN	312	French Conversation: Current Cultural Events
FREN	370	Aspects of French Civilization
GEOG	150	World Cities
GEOG	202	The World in Cultural Perspective (changed from Area D, Fall 1983)
GEOG	321	Maryland and Adjacent Areas
GEOG	324	Europe
GEOG	325	The Soviet Union
GEOG	326	Africa
GEOG	327	South Asia
GEOG	331	Southeast Asia
GERM	101	Elementary German I
GERM	102	Elementary German II
GERM	103	Review of Elementary German
GERM	104/104H	Intermediate German
GERM	141	Elementary Yiddish I
GERM	142	Elementary Yiddish II
GERM	144	Intermediate Yiddish I
GERM	145	Intermediate Yiddish II
GERM	280	German-American Cultural Contrast
GERM	281	Women in German Literature and Society
GERM	282	Germanic Mythology
GERM	381	German Civilization I
GERM	382	German Civilization II
GERM	383	The Viking Era
GERM	384	The Age of Chivalry
GERM	389C	Selected Topics in Germanic Area Studies: The Ancient Celts
GERM	389I	Selected Topics in Germanic Area Studies: Ancient India
GREK	101	Elementary Greek
GREK	102	Elementary Greek
GREK	203	Intermediate Greek
GVPT	240	Political Ideologies
HEBR	111	Elementary Hebrew I
HEBR	112	Elementary Hebrew II
HEBR	211	Intermediate Hebrew I
HEBR	212	Intermediate Hebrew II
HEBR	333	Hebrew Civilization
HEBR	334	Hebrew Civilization
HIST	101	Great Ideas, Events and Personalities in History
HIST	115	Modern Business History
HIST	130	The Ancient World
HIST	131/131H	The Medieval World
HIST	132	The Rise of the West, 1500-1789
HIST	133	Modern Europe, 1789-Present
HIST	144	The Humanities I
HIST	145	The Humanities II
HIST	156	History of the United States to 1865
HIST	200	Introduction to the History of Science
HIST	201	Space and Technology in World History: Space/Time/Man/Woman
HIST	210	Women in America: The Colonial Period to 1880
HIST	211	Women in America Since 1880
HIST	234	History of Britain to 1485
HIST	235	History of Britain 1461-1714
HIST	236	History of Britain 1688 to present
HIST	237	Russian Civilization
HIST	250	Latin American History I (to 1810)
HIST	251	Latin American History II (1810 to present)
HIST	280	Islamic Civilization
HIST	282	History of the Jewish People I
HIST	283	History of the Jewish People II
HIST	284	East Asian Civilization I
HIST	285	East Asian Civilization II
HIST	290	African Civilization
HONR	118	Freshman Honors Colloq., Cultural and Historical
HONR	318	Honors Seminar, Cultural and Historical
ITAL	101	Elementary Italian I
ITAL	102	Elementary Italian II
ITAL	203	Intermediate Italian
ITAL	121/121H	Accelerated Italian I
ITAL	122/122H	Accelerated Italian II
ITAL	204	Review Grammar and Composition
ITAL	211	Intermediate Conversation
ITAL	301	Advanced Conversation and Composition
ITAL	370	Italian Civilization
JAPN	101	Elementary Japanese I
JAPN	102	Elementary Japanese II
JAPN	201	Intermediate Spoken Japanese I
JAPN	202	Intermediate Written Japanese I
JAPN	203	Intermediate Spoken Japanese II
JAPN	204	Intermediate Written Japanese II
JAPN	217	Buddhism and Japanese Literature in Translation
LATN	101	Elementary Latin I
LATN	102	Elementary Latin II
LATN	120	Intensive Latin
LATN	203	Intermediate Latin I
LATN	204	Intermediate Latin II
LATN	220	Intermediate Intensive Latin
PHED	293	History of Sport in America
PHIL	100	Introduction to Philosophy
PHIL	110	Plato's *Republic*
PHIL	243	Philosophy of Rural Life
PHIL	250	Philosophy of Science I
PORT	101	Elementary Portuguese I
PORT	102	Elementary Portuguese II
PORT	203	Intermediate Portuguese
SLAV	101	Elementary Russian I
SLAV	102	Elementary Russian II
SLAV	104	Intermediate Russian I
SLAV	281	Russian Culture
SPAN	101	Elementary Spanish I
SPAN	102	Elementary Spanish II
SPAN	103	Review of Elementary Spanish
SPAN	203/203H	Intermediate Spanish
SPAN	204	Review of Oral and Written Spanish
SPAN	205	Intermediate Conversation
SPAN	311	Advanced Conversation I
SPAN	312	Advanced Conversation II
SPAN	325	Spanish Civilization I
SPAN	326	Spanish Civilization II
SPAN	346	Latin American Civilization I
SPAN	347	Latin American Civilization II
TEXT	345	History of Costume I
TEXT	347	History of Costume II
TEXT	363	History of Textiles
THET	310	The American Theatre

***NOTE: Not all courses are offered each semester. Check course listings.**

Undergraduate Students — Academic Information (Continued)

Distributive Studies (B) Natural Sciences and Mathematics — Approved Courses*

Lab Sciences

AGRO	100 & 102	Crops Laboratory & Crop Production
AGRO	302	General Soils
ASTR	100 & 110 or 111	Introductory Astronomy & Astronomy Laboratory
BIOL	101 & 102	Organization and Interrelationships in the Biological World & Laboratory in Biology
BIOL	105	Principles of Biology I
BIOL	106	Principles of Biology II
BOTN	100	General Botany for Non-science Students
CHEM	102	Chemistry of Man's Environment
CHEM	103	General Chemistry I
CHEM	104	Fundamentals of Organic and Biochemistry
CHEM	105	Principles of General Chemistry I
CHEM	111	Chemistry in Modern Life
CHEM	113	General Chemistry II
CHEM	115	Principles of General Chemistry II
ENTM	205	Principles of Entomology
GEOG	170 & 171	Maps and Map Use & Maps and Map Use Laboratory
GEOG	201 & 211	The Geography of Environmental Systems & The Geography of Environmental Systems Laboratory
GEOL	100 & 110	Introductory Physical Geology & Physical Geology Laboratory
MICB	100	Basic Microbiology
MICB	200	General Microbiology
PHED	360	Physiology of Exercise
PHYS	102 & 103	Physics of Music & Physics of Music Laboratory
PHYS	106 & 107	Light, Perception, Photography & Visual Phenomena & Light, Perception, Photography & Visual Phenomena Laboratory
PHYS	114	Energy and the Environment
PHYS	117	Introduction to Physics
PHYS	121	Fundamentals of Physics I
PHYS	122	Fundamentals of Physics II
PHYS	141	Principles of Physics I
PHYS	142	Principles of Physics II
PHYS	191 & 195	Introductory Physics I: Mechanics & Introductory Physics Laboratory I
PHYS	192 & 196	Introductory Physics: Thermodynamics, Waves and Special Relativity & Introductory Physics Laboratory II
PHYS	221	General Physics for Science Teachers I
PHYS	222	General Physics for Science Teachers II
PHYS	262 & 262A	(Lab) General Physics: Vibrations, Waves, Heat, Electricity and Magnetism
PHYS	263 & 263A	(Lab) General Physics: Electrodynamics, Light, Relativity and Modern Physics
PHYS	293 & 295	Introductory Physics: Electricity & Magnetism & Intermediate Physics Laboratory
PHYS	294 & 296	Introductory Physics: Optics & Modern Physics & Intermediate Physics Laboratory
ZOOL	210	Animal Diversity
ZOOL	212	Ecology, Evolution and Behavior

Non-Lab Sciences & Mathematics

AGRO	105	Soil and the Environment
ANSC	101	Principles of Animal Science
ANTH	101	Introduction to Anthropology
ASTR	100	Introductory Astronomy
ASTR	181	Introductory Astronomy and Astrophysics I
ASTR	182	Introductory Astronomy and Astrophysics II
ASTR	350	Astronomy and Astrophysics
BIOL	101	Organization and Interrelationships in the Biological World
BOTN	103	Human Aspects of Plant Biology
BOTN	200	Humanistic Botany
BOTN	211	Ecology and Mankind
CHEM	107	Chemistry and Man
ENAG	232	Water: A Renewable Resource
ENES	120	Noise Pollution
ENES	121	The Man-Made World
ENTM	100	Insects
GEOG	140	Coastal Environments
GEOG	170	Maps and Map Use
GEOG	201	The Geography of Environmental Systems
GEOL	100	Physical Geology
GEOL	101	Physical Geology for Science Students
GEOL	102	Historical Geology
GEOL	120	Environmental Geology
HESP	305	Anatomy & Physiology of the Speech Mechanism
HONR	128	Freshman Honors Colloq.: Natural Sciences and Mathematics
HONR	328	Honors Seminar: Natural Sciences and Mathematics
HORT	100	Introduction to Horticulture
MATH	105	Mathematical Ideas
MATH	111	Introduction to Math II
MATH	140	Calculus I
MATH	141	Calculus II
MATH	150	Calculus I (Honors)
MATH	151	Calculus II (Honors)
MATH	210	Elements of Mathematics
MATH	211	Elements of Geometry
MATH	220	Elementary Calculus I
MATH	221	Elementary Calculus II
MATH	240	Introduction to Linear Algebra
MATH	241	Calculus III
MATH	246	Differential Equations for Scientists and Engineers
MATH	250	Calculus III (Honors)
MATH	251	Calculus IV (Honors)
METO	100	Weather and Life
MICB	322	Microbiology and the Public
NUTR	100	Elements of Nutrition
PHIL	271	Symbol Logic I
PHYS	101	Contemporary Physics
PHYS	102	Physics of Music
PHYS	106	Light, Perception, Photography & Visual Phenomena
PHYS	111	Physics in the Modern World I
PHYS	112	Physics in the Modern World II
PHYS	161	General Physics: Mechanics and Particle Dynamics
PSYC	206	Developmental Biopsychology
PSYC	301	Biological Basis of Behavior
SOCY	201	Introductory Statistics for Sociology
STAT	100	Elementary Statistics and Probability
STAT	250	Introduction to Statistical Models
ZOOL	181	Life in the Oceans

***NOTE: Not all courses are offered each semester. Check course listings.**

Distributive Studies (C) Literature and the Arts — Approved Courses*

NOTE: Courses must be taken in two different departments.

APDS	104	Survey of Design History
ARCH	170	An Introduction to the Built Environment
ARCH	222	History of Western Architecture
ARTH	100	Introduction to Art
ARTH	260	History of Art I
ARTH	261	History of Art II
ARTH	262	Arts of Asia
ARTH	284	Introduction to African Art
CHIN	313	Chinese Poetry and Prose in Translation I
CHIN	314	Chinese Fiction and Drama in Translation
CHIN	315	Modern Chinese Literature in Translation
CHIN	441	Traditional Chinese Fiction
CHIN	442	Modern Chinese Fiction
CLAS	370	Greek Literature in Translation
CLAS	371	Latin Literature in Translation
DANC	200	Introduction to Dance
ENGL	201	World Literature: Homer to the Renaissance
ENGL	202	World Literature: The Renaissance to the Present
ENGL	205	Introduction to Shakespeare
ENGL	211	English Literature from the Beginnings to 1800
ENGL	212	English Literature from 1800 to Present
ENGL	221	American Literature: Beginnings to 1865
ENGL	222	American Literature: 1865 to Present
ENGL	234	Introduction to Afro-American Literature
ENGL	240	Introduction to Literary Form: Fiction, Poetry, Drama
ENGL	241	Introduction to the Novel
ENGL	242	Fact and Fiction: Forms of Non-Fiction Prose
ENGL	243	Introduction to Poetry
ENGL	244	Introduction to Drama
ENGL	245	Introduction to the Film as Literature
ENGL	246	The Short Story
ENGL	247	The Literature of Fantasy
ENGL	250	Women in Literature
ENGL	271	Honors World Literature: Homer to the Renaissance
ENGL	272	Honors World Literature: Renaissance to the 20th Century
ENGL	301	Critical Methods in the Study of Literature
ENGL	302	English Medieval Literature in Translation
ENGL	304	Major Works of Shakespeare
ENGL	305	Shakespeare and His Contemporaries: An Introduction
ENGL	345	Twentieth Century Poetry of Britain and America
ENGL	462	Folk Song and Ballad
FREN	250	Readings in French
FREN	340	Modern French Literature in Translation
FREN	350/350H	Advanced Readings in French
FREN	351/351H	French Literature from the Revolution to the Present
FREN	352/352H	French Literature from the Middle Ages to the Revolution
GERM	220	Introduction to German Literature
GERM	285	German Film and Literature
GREK	204	Intermediate Greek (Homer)
HEBR	223	The Hebrew Bible: Narrative
HEBR	224	The Hebrew Bible: Poetry and Rhetoric
HEBR	231	Jewish Literature in Translation
HEBR	322	Israeli Literature in Translation
HONR	138	Freshman Honors Colloquium: Literature and the Arts
HONR	338	Honors Seminar: Literature and the Arts
HORT	160	Introduction to the Art of Landscaping
ITAL	251	Introduction to Italian Literature
ITAL	351	Italian Literature from Dante to the Renaissance
ITAL	352	Italian Literature from the Renaissance to the Present
ITAL	376	The Italian Opera Libretto
MUSC	130	Survey of Music Literature
MUSC	140	Music Fundamentals I
MUSC	141	Music Fundamentals II
MUSC	215	The Art of the Performer
RTVF	314	Introduction to the Film
SLAV	328A	Nineteenth Century Russian Literature in Translation: From Pushkin to Dostoevsky
SLAV	328B	Nineteenth Century Russian Literature in Translation: From Dostoevsky to Chekhov
SPAN	221	Readings in Spanish
SPAN	321	Survey of Spanish Literature: 12th-17th Century
SPAN	322	Survey of Spanish Literature: 18th-20th Century
SPAN	323	Survey of Spanish American Literature I
SPAN	324	Survey of Spanish American Literature II
THET	110	Introduction to the Theatre
WMST	250	Women, Art, and Culture

***NOTE: Not all courses are offered each semester. Check course listings.**

Distributive Studies (D) Social and Behavioral Sciences — Approved Courses*

AMST	203	Popular Culture in America
AMST	204	Film and American Culture Studies
AMST	206	Business and American Culture Studies
ANTH	102	Introduction to Anthropology
ANTH	221	Man and Environment
ANTH	241	Introduction to Archaeology
ANTH	271	Language and Culture
AREC	240	Environmental and Human Ecology
ARSC	310	Management & Leadership I
ARSC	320	National Security Forces in Contemporary American Society I
BSOS	200	Introduction to Applied Behavioral Social Sciences
CJUS	100	Introduction to Law Enforcement
CNEC	100	Introduction to Consumer Economics
CRIM	220	Criminology
ECON	105	Economics of Social Problems
ECON	201	Principles of Economics I
ECON	203	Principles of Economics II
ECON	205	Fundamentals of Economics
ECON	307	Development of Economic Ideas
ECON	310	Evolution of Modern Capitalism in Western Europe and the United States
ECON	311	American Economic Development
EDHD	306	A Study of Human Behavior
EDHD	330	Human Development and Societal Institutions
EDPA	201	Education in Contemporary American Society
FMCD	201	Concepts in Community Development
FMCD	250	Decision-Making in Families and Communities
FOOD	110	Food for People
FOOD	300	Economics of Food Consumption
GEOG	100	Introduction to Geography
GEOG	110	The World Today: A Regional Geography
GEOG	130	Developing Countries
GEOG	203	Economic Geography
GVPT	100	Principles of Government and Politics
GVPT	170	American Government
GVPT	220	Introduction to Political Behavior
GVPT	273	Introduction to Environmental Policy
GVPT	300	International Political Relations
GVPT	343	Political Themes in Contemporary Literature
HESP	120	Introduction to Linguistics
HIST	157	History of the U.S. Since 1865
HIST	275	Law and Constitutionalism in American History
HLTH	230	Introduction to Health Behavior
HLTH	285	Controlling Stress & Tension
HONR	148	Freshman Honors Colloquium: Social and Behavioral Sciences
HONR	348	Honors Seminar: Social and Behavioral Sciences
JOUR	100	Introduction to Mass Communication
LING	200	Introduction to Linguistics
LING	240	Language and Mind
PHED	287	Sport and American Society
PHED	350	Psychology of Sport
PHED	385	Motor Learning and Skilled Performance
PHIL	140	Contemporary Moral Issues
PHIL	245	Political and Social Philosophy I
PSYC	100	Introduction to Psychology
PSYC	221	Social Psychology
PSYC	310	Perception
PSYC	335	Personality and Adjustment
PSYC	353	Adult Psychopathology
PSYC	355	Child Psychology
RECR	130	Recreation and Leisure
RTVF	124	Mass Communication in 20th Century Society
SOCY	100	Introduction to Sociology
SOCY	105	Introduction to Contemporary Social Problems
SOCY	230	Sociological Social Psychology
SOCY	300	American Society
SOCY	327	Introduction to the Study of Deviance
SOCY	331	Work, Bureaucracy and Industry
SOCY	341	Inequality in American Society
SPCH	350	Foundation of Communication Theory
URBS	100	Introduction to Interdisciplinary Urban Studies
URBS	210	Behavioral and Social Dimensions of the Urban Community
URBS	220	Environmental and Technological Dimensions of the Urban Community
URBS	320	The City and the Developing National Culture of the United States
WMST	200	Introduction to Women's Studies

***NOTE: Not all courses are offered each semester. Check course listings.**

ADVANCED STUDIES: APPROVED COURSES

The courses listed below have been approved for Advanced Studies Credit. **Not all courses are offered each semester. Check course listings for current semester.** Descriptions of most courses are given in the current Undergraduate Catalog. In order to verify course prerequisites, you **must** read the description in the catalog. Course descriptions for courses which have an alphabetical suffix following the three digit number, such as PHIL 308F and HIST 312A, are printed in the section below the list of approved Advanced Studies Courses.

WARNING: A course with the same number but a different suffix and title is NOT approved for Advanced Studies credit unless it is also in the list below.

NOTE: Advanced Studies courses must be taken in two different departments outside of the student's major (except HONR courses).

Advanced Studies: Development of Knowledge — Approved Courses *

AMST	418E	Cultural Themes in America: The American Image of Africa
AMST	418K	Cultural Themes in America: Race in America: Theory and Policy
AMST	428A	American Cultural Eras: Social Dramas in American Cultural History
AMST	429B	Perspectives on Popular Culture: Science Fiction in American Culture
AMST	432	Literature and American Society
ANTH	371	Introduction to Linguistics
ANTH	389C	Research Problems: Culture and Personality
ANTH	401	Cultural Anthropology: Principles and Processes
ANTH	451	Archaeology of the New World
ARHU	309A	Forms and Forces of Human Experience: An Interdisciplinary Exploration — Philosophies of Art
ASTR	300	Stars and Stellar Systems
ASTR	330	Solar System Astronomy
ASTR	340	Galaxies and the Universe
ASTR	380	Life in the Universe
BCHM	361	Origins of Biochemistry
CJUS	330	Contemporary Legal Policy Issues
CLAS	320	Women in Classical Antiquity
CLAS	470	Advanced Greek and Roman Mythology
ECON	402	Business Cycles
EDCI	488N	Learning Styles and Learning Environments
EDMS	451	Introduction to Educational Statistics
ENGL	320	English Romantic Literature
ENGL	379E	Special Topics in Literature: Film Analysis — The Rhetoric of Fictional Worlds
ENGL	379I	Special Topics in Literature: Science and Literature
ENGL	379J	Special Topics in Literature: Interpreting the Bible
ENGL	379K	Special Topics in Literature: Private Lives
ENGL	379L	Special Topics in Literature: The Great Divide: The Modern and Pre-Modern Worlds
ENGL	379M	Special Topics in Literature: Britain in the Age of Revolution, 1760-1820
ENGL	379O	Special Topics in Literature: Language and Gender: Male/Female Difference in Language Use
ENGL	379V	Special Topics in Literature: Modern Poetry and the Visual Arts
ENGL	385	Semantics
ENGL	412	Literature of the Seventeenth Century: 1600-1660
ENGL	432	American Literature, 1865-1914: Realism and Naturalism
ENGL	453	Literary Criticism
ENGL	477	Studies in Mythmaking
ENGL	479R	Special Topics in English and American Literature after 1800: Readers, Writers, and Rhetoric
ENGL	489A	Special Topics in English Language: The Language of Advertising
ENGL	489C	Special Topics in English Language: The Language of the Law
GEOG	370	Principles of Cartography
GEOL	301	Evolution in Geology
GERM	349A	Yiddish Literature in Translation: Yiddish Culture — The Holocaust in Film and Literature
GERM	479B	Selected Topics in Germanic Philology: Language and Science
GNED	301	The Arts and the Sciences
GVPT	441	History of Political Theory: Ancient and Medieval
GVPT	442	History of Political Theory: Medieval to Recent
GVPT	443	Contemporary Political Theory
HEBR	498B	Special Topics in Hebrew: Issues in Jewish Ethics and Law
HEBR	498R	Special Topics in Hebrew: Reconstructing Ancient Civilizations: The Case of Mesopotamia
HIST	311A	Approaches to the Past: Approaches to European Social History
HIST	311B	Approaches to the Past: Historiography
HIST	311S	Approaches to the Past: Science and History — Archaeoastronomy and the History of Science
HIST	401	The Scientific Revolution: From Copernicus to Newton
HIST	402	Development of Modern Physical Science: From Newton to Einstein
HIST	403	20th Century Revolutions in the Physical Sciences
HIST	407	History of Technology
HIST	412	Readings in Psycho-History
HLTH	498T	Ways of Knowing About Human Stress and Tension
HONR	368	Honors Seminar: Development of Knowledge
HSAD	451	Gaming Simulation in Design I
ITAL	410	The Italian Renaissance
LING	440	Grammars and Cognition
MATH	310	Introduction to Mathematical Reasoning
MATH	406	Introduction to Numbers Theory
MATH	430	Euclidian and Non-Euclidian Geometries
MUSC	340	Music Literature Survey I
NUTR	335	History of Nutrition
PHED	362	Philosophy of Sport
PHIL	308A	Studies in Contemporary Philosophy: Philosophy of Literature and Film
PHIL	308C	Studies in Contemporary Philosophy: Philosophy and Computers
PHIL	308D	Studies in Contemporary Philosophy: Discovery and Analogy in Science
PHIL	308E	Studies in Contemporary Philosophy: Philosophy of History
PHIL	310	Ancient Philosophy
PHIL	328B	Marxist Philosophy
PHIL	331	Philosophy of Art
PHIL	332	Philosophy of Beauty
PHIL	334	Philosophy of Music
PHIL	408D	Topics in Contemporary Philosophy: Philosophical Issues in Art History
PHIL	408E	Topics in Contemporary Philosophy: Aesthetic Theory and Philosophy of Criticism
PHIL	408F	Topics in Contemporary Philosophy: Contemporary French and German Philosophy
PHIL	408S	Topics in Contemporary Philosophy: The Nature of Scientific Understanding
PHIL	428A	Origins of the Modern Scientific World View
PHIL	447	Philosophy of Law
PHIL	450	Scientific Thought I
PHIL	451	Scientific Thought II
PHIL	452	Philosophy of Physics
PHIL	453	Philosophy of Science II
PHIL	454	Philosophy of Economics
PHIL	455	Philosophy of the Social Sciences
PHIL	456	Philosophy of Biology
PHIL	458A	Topics in the Philosophy of Science: Philosophy of Agricultural Science
PHIL	458X	Topics in the Philosophy of Science: Causation and Causal Thinking
PHIL	465	Philosophy of Psychology
PHIL	472	Philosophy of Mathemathics
PHYS	420	Principles of Modern Physics
PHYS	421	Introduction to Modern Physics
PHYS	490	History of Modern Physics
PHYS	499F	Special Topics in Physics: Twentieth Century Physics — Physics for Managers and Analysts
SOCY	403	Intermediate Sociological Theory
SOCY	498K	Sociology of Knowledge
SPCH	450	Classical and Medieval Rhetorical Theory
THET	495	History of Theatrical Theory and Criticism
WMST	400	Theories of Feminism
ZOOL	301	Biological Issues and Scientific Evidence
ZOOL	328F	Selected Topics in Zoology: The Brain

*** Not all courses are offered each semester. Check course listings.**

Advanced Studies: Analysis of Human Problems — Approved Courses *

AEED	323	Developing Youth Programs
AGRO	303	International Crop Production
AMST	330	Critics of American Culture
AMST	418B	Cultural Themes in America: Culture and Mental Disorders in Modern America
AMST	418C	Cultural Themes in America: The American Environment: Conservation and Energy
AMST	418D	Cultural Themes in America: Growing Up American
AMST	428B	American Cultural Eras: American Film Culture in the 1960's
ANTH	389B	Medicine, Health and Culture
AREC	365	World Hunger, Population, and Food Supplies
AREC	433	Food and Agricultural Policy
AREC	453	Natural Resources and Public Policy
ARHU	308A	Post World War II Japan Through Film and Fiction
CHEM	374	Technology, Energy and Risk
CLAS	374	Greek Tragedy in Translation
CNEC	310	Consumer Economics and Public Policy
CNEC	410	Consumer Finance
CNEC	431	The Consumer and the Law
CNEC	435	Economics of Consumption
CNEC	437	Consumer Behavior
ECON	415	Introduction to Economic Development of Underdeveloped Areas
ECON	451	Public Choice and Public Policy
ECON	490	Survey of Urban Economic Problems and Policies
EDCI	381	Schools and Children
EDCP	420	Education and Racism
EDCP	462	The Disabled Person in American Society
EDHD	413	Adolescent Development
EDHD	445	Guidance of Young Children
EDIT	476	Application of Technology to Societal Problems
EDIT	488T	Issues Confronting Families Past and Future: A Multidisciplinary Examination
EDPA	400	The Future of the Human Community
EDPA	488G	Technology, Social Change and Education
ENAG	315	Energy: Its Effect on Agriculture and Food
ENGL	379F	Special Topics in Literature: Coping with Change
ENGL	379N	Special Topics in Literature: The Literature of Sentiment and Sentimentality
ENGL	379Q	Special Topics in Literature: More's Utopia and Modern Utopian Visions
ENGL	379R	Special Topics in Literature: Different Views of the Chesapeake Bay
ENGL	379S	Special Topics in Literature: Changing Ideas of the City in Western Literature
ENGL	379T	Special Topics in Literature: On Argument
ENGL	479A	Selected Topics in English and American Literature After 1800: Ideal and Real Communities in 19th Century American Literature
ENTM	303	International Pesticide Problems and Solutions
FMCD	381	Poverty and Affluence Among Low Income Families and the Community
FMCD	431	Family Crisis and Intervention
FMCD	487	Legal Aspects of Family Problems
FMCD	497	The Child and the Law
FREN	478B	Themes and Movements of French Literature in Translation: Autobiographical Fiction by Francophone Women Writers
FREN	478C	Themes and Movements of French Literature in Translation: Conflict Between Individual and Society in French Literature
FREN	479A	Masterworks of French Literature in Translation: The Age of Anxiety — The Literature of Existentialism and the Absurd
FREN	479D	Masterworks of French Literature in Translation: Ideologies and Relations Between the Sexes
GEOG	434	Agricultural and Rural Development
GEOG	456	Social Geography of Metropolitan Areas
GEOG	462	Water Resources and Water Resource Planning
GEOG	463	Geographic Aspects of Pollution
GEOG	464	Energy Resources and Planning
GERM	389J	Topics in Germanic Culture: Honor as a Theme in Western Literature
GERM	389R	Topics in Germanic Culture: Reason and Faith
GNED	300	Perspectives on Nuclear War
GVPT	403	Law, Morality, and War
GVPT	405	Defense Policy and Arms Control
GVPT	432	Civil Rights and the Constitution
GVPT	457	American Foreign Relations
GVPT	462	Urban Politics
GVPT	471	Women and Politics
HIST	312A	Crisis and Change in the United States: The Changing Urban Scene
HIST	312B	Crisis and Change in the United States: Dynamics of Federal Indian Policy
HIST	313A	Crisis and Change in European Society: Freedom and Authority
HIST	314A	Crisis and Change in the Middle East and Africa: Nationalism and Nation Building in the Middle East
HIST	316A	Crisis and Change in Latin America: Slavery and Race Relations
HIST	458A	Special Topics in Women's History: Victorian Women
HLTH	476	Death Education
HLTH	490	Theories of Children's Love and Peace Behaviors
HONR	378	Honors Seminar: Analysis of Human Problems
ITAL	411	Dante
NUTR	425	International Nutrition
NUTR	498F	Development and Modification of Food Habits
PHIL	308B	Philosophy of Life
PHIL	308F	Philosophical Aspects in Feminism
PHIL	340	Making Decisions
PHIL	342	Moral Problems in Medicine
PHIL	408A	Topics in Contemporary Philosophy: Analysis and Design of Legal and Moral Institutions
PHIL	408L	Topics in Contemporary Philosophy: Racial and Sexual Discrimination
PHIL	441	History of Ethics
PHIL	446	Law, Morality and War
PHYS	318N	Topics in Contemporary Physics: The Risks of Nuclear Power
PSYC	354	Cross-Cultural Psychology
SOCY	305	Scarcity and Modern Society
SOCY	325	Sex Roles
SOCY	333	Technology and Society
SOCY	427	Deviant Behavior
SOCY	431	Formal and Complex Organizations
SOCY	441	Social Stratification and Inequality
SOCY	460	Sociology of Work
SOCY	464	Military Sociology
SOCY	498A	Medical Sociology
SOCY	498N	Sociology of Nuclear War
SOCY	498R	Work, Family, Community, and Friendship: Issues in Social Identity and Well Being
SPCH	324	Communication and Sex Roles
ZOOL	346	Human Genetics and Society
ZOOL	381	Natural History of the Chesapeake Bay

*** Not all courses are offered each semester. Check course listings.**

Course Descriptions for Approved Advanced Studies Courses

— Courses **without an alphabetical suffix following the three digits,** such as ECON 415, are described in the current Undergraduate Catalog. In order to verify course prerequisites, you must read the description in the catalog.

— Courses **with an alphabetical suffix following the three digits,** such as HIST 312A, are described below.

— Not all courses are offered each semester. Check course listings.

DEVELOPMENT OF KNOWLEDGE

AMST 418E — CULTURAL THEMES IN AMERICA: THE AMERICAN IMAGE OF AFRICA. By focusing attention on American ideas about Africa, this course traces the origins of American stereotypes of Africa and their development, especially during the late nineteenth and early twentieth centuries. Through a systematic analysis of American perceptions of Africa, the most significant bodies of contemporary information available concerning the continent are examined: the written accounts of Americans who actually were traveling to Africa, and the numerous kinds of secondary sources published in America about Africa. Prerequisites: a course in American Studies, Afro-American Studies, History, or Geography.

AMST 418K — CULTURAL THEMES IN AMERICA: RACE IN AMERICA: THEORY AND POLICY. American culture has been, since its earliest days, concerned with categorizing and labelling people on the basis of distinguishable physical characteristics. The evolution of this tendency to link physical differences with mental and tempermental differences historically involved the fields of the natural sciences, geography, ethnology, linguistcs, theology, and literature. Race theory spilled over into American politics — both foreign and domestic — and shaped laws, mores, and behavior patterns, while popular race policies stimulated research and shaped the biases of racial theorists. Prerequisites: a prior course in American Studies, American History, or Sociology.

AMST 428A — AMERICAN CULTURAL ERAS: SOCIAL DRAMAS IN AMERICAN CULTURAL HISTORY. Focus on images of the future — as found in advertising, utopian literature, film, world's fairs, science fiction, community planning, and Toffler's *Future Shock* — to illustrate the strategies of social rhetoric and institutions in responding to the conflict and changes of America's past. Prerequisites: a prior course in American Studies, or History, or Sociology.

AMST 429B — PERSPECTIVES ON POPULAR CULTURE: SCIENCE FICTION IN AMERICAN CULTURE. Explores science fiction as a form of communication illustrative of the roles of socialization, institutionalization and cultural criticism in American society. The course provides a historical overview of science fiction, focuses on important literary narratives, considers the icons and conventions of science fiction art and film, and introduces the theoretical insights to be gained from the disciplines of literary criticism, sociology and anthropology. Prerequisites: one of the following: AMST 203, 418, 428, 432; a course on twentieth century American history or American literature; a course on the Sociology of Art or Sociology of Knowledge; a course in the History or Philosophy of Science; previous "Fantasy and Science Fiction" course.

ANTH 389C — CULTURE AND PERSONALITY. Examines the relationship between the individual and society, as well as cross-cultural differences in personality types. Emphasis will be on biography, including anthropological life history and other material. Focus will be on determining the ways in which information pertaining to the events of individual lives contribute to our understanding of the human condition. Prerequisite: ANTH 102 or 221 or related course in the social sciences or permission of instructor.

ARHU 309A — FORMS AND FORCES OF HUMAN EXPERIENCE: AN INTERDISCIPLINARY EXPLORATION — PHILOSOPHIES OF ART. Explores the similarities and differences in the creative impulse in music and the visual arts. Artists in each area would be studied to understand the sources of their art, its relation to their social and personal situations and to the *Zeitgeist*. The course would concentrate on various forms of modern art and explore the reasons for differences in general orientation as well as traits broadly shared.

EDCI 488N — LEARNING STYLES AND LEARNING ENVIRONMENTS. An opportunity to examine your own style of learning through self-report instruments and how you function in different learning environments through direct experiences and reflection. Prerequisite: completion of Social and Behavioral Sciences requirement.

ENGL 379O — SPECIAL TOPICS IN LITERATURE: LANGUAGE AND GENDER: MALE/FEMALE DIFFERENCE IN LANGUAGE USE. By taking this course, students will gain an understanding of how gender affects communication, and, on a more practical level, of what members of the opposite sex (whichever one that is for each student) might mean when they engage in language behavior which the student finds puzzling or off-putting. In addition, students will, it is hoped, learn to appreciate the point of view of the opposite sex (whichever one that happens to be). Prerequisites: two courses from literature and/or linguistics.

ENGL 379E — SPECIAL TOPICS IN LITERATURE: FILM ANALYSIS: THE RHETORIC OF FICTIONAL WORLDS. Examines approximately twelve films to reveal how narrative films create apparently closed worlds of illusion in which every action and behavior is composed as part of a pattern of meaning. This rhetorical approach implies a variety of strategies by which filmmaker and audience enter into a conspiracy of communication; the emphasis here is on the manner in which the terms of exchange are exposed, the language made visible, the illusion fractured. Prerequisite: Completion of two literature courses.

ENGL 379I — SPECIAL TOPICS IN LITERATURE: SCIENCE AND LITERATURE. Examines outstanding literary works whose content is scientific to ask: (1) how are the scientific method and creative process related? (2) What are the correspondences between the theoretical and the metaphorical imaginations? (3) How is art empirical and empiricism artful? (4) Are there various styles of scientific inquiry, as in literary art? Is there a creative methodology that guides every writer, regardless of style? (5) How are the intentions of science and literature alike, different, at odds? Prerequisite: Completion of two literature courses.

ENGL 379J — SPECIAL TOPICS IN LITERATURE: READING THE BIBLE: PROBLEMS OF INTERPRETATION. Investigates the ways that the Bible has been read from the perspectives of a variety of disciplines through history. The traditional religious way of reading the Bible; the Higher Biblical Criticism as a reflection of 19th century historicism and science; modern readings of the Bible, including psychoanalytic, structuralist, anthropological, and literary interpretations. Prerequisite: completion of two literature courses.

ENGL 379K — SPECIAL TOPICS IN LITERATURE: PRIVATE LIVES. Students will learn how to do original research by utilizing primary sources available in Maryland and the District of Columbia. Students will conduct interviews, use extensive archival collections and analyze oral histories. The questions before the class will be: What is history? How does one understand the nature of ordinary experience and how does one assemble these experiences to "create" history? Each student will study a special person, family or neighborhood and prepare an historical project. Prerequisites: two lower division English courses.

ENGL 379L — SPECIAL TOPICS IN LITERATURE: THE GREAT DIVIDE: THE MODERN AND PRE-MODERN WORLDS. This course will examine the great divide between the modern and pre-modern periods by examining a series of paired Medieval/Renaissance and Modern literary, religious, and psychological texts from *Beowulf* to *Prizzi's Honor*. It will ask what unsuspected continuities and discontinuities exist between the modern and pre-modern periods and what changing ideas of self, society, God, heroism and science are seen. Prerequisites: two Literature courses.

ENGL 379M — SPECIAL TOPICS IN LITERATURE: BRITAIN IN THE AGE OF REVOLUTION, 1760-1820. Deals with how British artists, authors, historians, and political theorists responded to the American and French Revolutions in politics, the Industrial Revolution in economics, and the Romantic Revolution in the arts. In each of these interrelated revolutions a traditional, hierarchic system was challenged by rational, equalitarian premise. Critical thinking will be encouraged by considering opposing views of major events and developments. Prerequisite: any combination of 2 courses from Art, Literature, and/or History. NO PASS-FAIL.

ENGL 379V — SPECIAL TOPICS IN LITERATURE: MODERN POETRY AND THE VISUAL ARTS. Focusing on the interaction of modern poetry and the visual arts, ENGL 379V first examines a variety of analytical techniques of interdisciplinary study. These techniques are then applied to modernism's three most important poets: W. B. Yeats, Ezra Pound and T. S. Eliot, involving an examination of the poems, the poets' comments on how those poems are connected to the visual arts, and the painting, sculpture, and architecture that provide the context for the writers and their work. Prerequisites: two college level literature courses.

ENGL 479R — SPECIAL TOPICS IN ENGLISH AND AMERICAN LITERATURE AFTER 1800: READERS, WRITERS, AND RHETORIC. Examines the nature of the reading process: how it develops, how it has changed over time, what influences it, and how different kinds of text may be read. The course samples reading theory in psychology, education, and literature, and applies this theory both to literary texts and to a range of nonfiction prose. Reading is presented as a complex, active process of constructing meaning in a text.

ENGL 489A — SPECIAL TOPICS IN ENGLISH LANGUAGE: THE LANGUAGE OF ADVERTISING. Examines the role of language in fulfilling the two primary purposes of advertising: (1) to inform the consumer and (2) to persuade the consumer to purchase the product. To provide a context for this examination, the course treats not only language which is peculiar to advertising, but also other uses in other kinds of communication, such as the principles governing the use of technical terminology, implications, connotations, etc. Prerequisite: Two lower division courses.

ENGL 489C — SPECIAL TOPICS IN ENGLISH LANGUAGE: THE LANGUAGE OF THE LAW. The language of the law is a special language in every sense — in style, vocabulary, use, syntax, and history. Investigation will show that oral and written legal language to close syntactic analysis and to analysis of the special ways in which it is used. The language of manipulation, in bilingual situations, and as plain English are a part of this course. So are linguistic offenses, notions of linguistic authority, vagueness, language use by witnesses and its comprehensibility to juries. Its sense of drama and ritual are apparent in both real legal language and in literary portrayals of it. Prerequisite: Six credits in courses related to language: writing, linguistics, English language or literature, foreign language, or English department writing internship.

GERM 349A — YIDDISH LITERATURE IN TRANSLATION: YIDDISH CULTURE — THE HOLOCAUST IN FILM AND LITERATURE. Among the most compelling of modern literature is that body of writings dedicated to recording, interpreting, and evaluating the attempted Nazi genocide of the Jews. Different in effect but also of considerable significance are the documentary and commercial films that attempt to present the Holocaust experience. The course encourages students to reflect on the profound questions raised by the depiction of unprecedented extremes of human behavior. Prerequisites: lower level English literature or literature translation course.

GERM 479B — SELECTED TOPICS IN GERMANIC PHILOLOGY: LANGUAGE AND SCIENCE. When does a discipline become a science? How is something as amorphous, abstract, "soft" as language studies scientific? This course focuses on the recent history of the study of language (linguistics) as an example of the maturation of a "science". The basic principles and methodology of modern linguistics are studied with an eye toward understanding the influence of modern scientific methodology on traditional "soft" sciences and, conversely, appreciating the importance of the study of language for modern science. Prerequisite: completion of either the Natural Science & Math, or the Social & Behavioral Sciences requirement as well as some experience with linguistics or foreign language learning.

HEBR 498B — SPECIAL TOPICS IN JEWISH STUDIES: ISSUES IN JEWISH ETHICS AND LAW. An analysis of provocative and controversial issues in family law, business and medical ethics in the light of classical Jewish discussions. Theoretical issues, such as the relationship of ethics to Jewish law, and the dynamics of Jewish law, will also be discussed. Prerequisite: one course in Philosophy or Jewish Studies.

HEBR 498R — SPECIAL TOPICS IN JEWISH STUDIES: RECONSTRUCTING ANCIENT CIVILIZATIONS: THE CASE OF MESOPOTAMIA. What do we know of ancient civilizations? How do we know it? This course examines how archeology and written documents enable modern scholars to reconstruct the civilizations of the ancient Near East. Prerequisite: One course in ancient or medieval history or one course in a foreign literature.

HIST 311A — APPROACHES TO THE PAST: APPROACHES TO EUROPEAN SOCIAL HISTORY. The principal goal of this course is to develop an understanding of the principal historical theories concerning human society and the ways in which historians study human social organization and behavior. The social history of Europe will serve as a common focus for the semester's readings and discussions. Members of the class will be responsible for weekly reading assignments and a 15-20 page term paper analyzing historical approaches to a significant problem in European social history. Prerequisite: one course in history.

HIST 311B — APPROACHES TO THE PAST: HISTORIOGRAPHY.

HIST 311S — APPROACHES TO THE PAST: SCIENCE AND HISTORY — ARCHAEOASTRONOMY AND THE HISTORY OF SCIENCE. This course compares the scientific and humanistic approaches to knowledge, first by examining claims that they are radically different (the "two cultures thesis) and then by showing how science has become more historical, and the scientists are presented as participants in the phenomena they are supposed to observe. Prerequisite: one history course.

HLTH 498T — WAYS OF KNOWING ABOUT HUMAN STRESS AND TENSION. A critical examination of assumptions related to stress and tension via selected methods in the life sciences, the behavioral sciences, and the arts and humanities. The major goal is to help the student attain a position of responsibility with respect to what he or she knows about stress. Prerequisite: HLTH 285 and completion of the Literature and Art component of the Distributive Studies requirement.

PHIL 308A — STUDIES IN CONTEMPORARY PHILOSOPHY: PHILOSOPHY OF LITERATURE AND FILM. Course will deal with problems in the understanding of narrative fiction which are common to literature and film, and with differences between the two media in relation to various artistic goals, narrative and otherwise. We will be interested centrally in the ways and means by which literary and cinematic works manage to contain intellectual content, convey thoughts or attitudes, or present views of the world. And this merely, it seems, by telling stories. Prerequisites: two courses in Literature/Film, or one Literature/Film and one Philosophy course.

PHIL 308C — STUDIES IN CONTEMPORARY PHILOSOPHY: PHILOSOPHY AND COMPUTERS. This course is an introduction to two kinds of philosophical issues concerning computers. First, we shall examine, in non-technical form, some of the major concepts and results in the abstract theory of computation. We shall then investigate, with this preparation, some fundamental topics focusing on the question, "Can machines think?" Prerequisite: one course in logic or computer science.

PHIL 308D — STUDIES IN CONTEMPORARY PHILOSOPHY: DISCOVERY AND ANALOGY IN SCIENCE. Course will explore answers to the following question: How are new explanatory theories in science constructed? One hypothesis that we will examine is that analogies play a key role in discovery. Consider: constructing a new theory involves putting old ideas together in new ways. Work in several fields is relevant to the topic: philosophy of science on discovery, philosophy on analogies and metaphors, artificial intelligence (AI) on computer systems to make scientific discoveries or reason by analogy. Prerequisites: PHIL 250 or two science courses.

PHIL 308E — STUDIES IN CONTEMPORARY PHILOSOPHY: PHILOSOPHY OF HISTORY. Examines critically alternative answers to fundamental questions in the philosophy of history: What is a historical interpretation? How is a historical interpretation related to the evidence upon which it is based? How, if at all, can a historical interpretation be shown better than competing interpretations? To what extent can this showing be regarded as objective? As scientific? As these questions indicate, the course deals with critical rather than speculative philosophy of history. Prerequisites: six hours in philosophy or history.

PHIL 328B — MARXIST PHILOSOPHY. The major ideas of Marx and Engels (historical materialism, alienation, class struggle, ideology, capitalism, revolution, the state, etc.); with the Hegelian background of Marxist theory; and with 20th century additions and interpretations, including such authors as Lenin, Trotsky, Sartre, Gramsci, Habermas, and a Marxist feminist. Prerequisites: one course in PHIL or GVPT.

PHIL 408D — TOPICS IN CONTEMPORARY PHILOSOPHY — PHILOSOPHICAL ISSUES IN ART HISTORY. Examines methodological problems which arise when art historians mobilize art-historical means (ranging from the eye of the connoisseur to laboratory tests) to achieve the goals of the discipline: discriminating authentic works, fixing dates and authorship, reconstructing artistic context, determining artistic meaning and purpose, uncovering influences, and charting and accounting for developments of style. How far can art-historical conclusions and interpretations be scientific? Or objective? Or value-free? Or free from historical conditioning by the historian's time and culture? Which limitations of art history as we know it are a matter of incomplete evidence and which are structural in the discipline itself? Prerequisites: one course in philosophy and two in art history, or permission of instructor.

PHIL 408E — TOPICS IN CONTEMPORARY PHILOSOPHY — AESTHETIC THEORY AND PHILOSOPHY OF CRITICISM. The aesthetic as a mode of apprehending the world or as an aspect of objects. The conceptual tools and intellectual presuppositions of criticism. Readings from the 19th century to the present. Prerequisites: a 300 level course in aesthetics, or six hours of philosophy.

PHIL 408F — TOPICS IN CONTEMPORARY PHILOSOPHY — CONTEMPORARY FRENCH AND GERMAN PHILOSOPHY. The central philosophical themes of phenomenology, structuralism and hermeneutics, together with their 19th century background. Applications of these themes to various aspects of modern European culture: technology, mass-media, sexuality, penal institutions, labor, and language. Heidegger, Foucault, Derrida, Ricoeur, Horkheimer, Adorno, Levi-Strauss. Prerequisite: one course in philosophy.

PHIL 408S — TOPICS IN CONTEMPORARY PHILOSOPHY — THE NATURE OF SCIENTIFIC UNDERSTANDING. What is scientific understanding? What is scientific explanation? What assumptions are involved in scientific explanations? Are these assumptions strictly necessary, or are they refinable or replaceable, so as to put science on a firmer footing? If so, how? Are there ultimate limits to scientific explanation? If so, what are they precisely? These questions are explored through historical readings and through intensive examination of contemporary accounts of scientific understanding. Prerequisites: two courses in science or philosophy.

PHIL 428A — ORIGINS OF THE MODERN SCIENTIFIC WORLD VIEW. This course will examine the evolution of modern scientific and philosophical views from the controversies about the nature of science which took place in the 17th and 18th centuries. Among the topics to be discussed are: debates about the aims and methods of science; the nature of space, time, matter, and force; man and God in relation to the physical universe; interactions of philosophical, scientific, and mathematical theories. Prerequisites: none.

PHIL 458A — TOPICS IN THE PHILOSOPHY OF SCIENCE: PHILOSOPHY OF AGRICULTURAL SCIENCE. This course will examine the nature of scientific agricultural knowledge, agriculture's contributions to scientific method, and the applicability of agricultural research techniques to other disciplines such as the Social Sciences. In the process it will examine various philosophical issues that arise in animal behavior studies and explore the roles values have in scientific research and knowledge. Prerequisites: two courses in the agricultural sciences or two courses in philosophy; MATH 111 or STAT 100 or equivalent.

PHIL 458X — TOPICS IN THE PHILOSOPHY OF SCIENCE: CAUSATION AND CASUAL THINKING. Concerned with the nature of causation and with the importance of causation both in theoretical science and in policy applications. The course divides into four sections of unequal length. The first and longest section will concern itself with the difficult questions of what it is for one event to cause another and of how causal notions are related to issues concerning indiction and explanation. Both historic and contemporary texts will be assigned and studied. The second section will be concerned with the importance of casual notions in theoretical science: Can modern science dispense with causal language altogether? The third section of the course will consider the role of causal knowledge in policy making. Is causal knowledge indispensable in deciding what to do? Prerequisites: one course in philosophy and one course in science, or permission of instructor.

PHYS 499F — SPECIAL PROBLEMS IN PHYSICS: TWENTIETH CENTURY PHYSICS — PHYSICS FOR MANAGERS AND ANALYSTS. A discussion of the foundations of the profound changes in our understanding of the world that came about as result of a number of fundamental discoveries in physics. Includes relativity and the dilation of time, the wave nature of particles, and the quantum nature of waves. Prerequisite: One year of algebra-based physics, such as PHYS 121, 133. Not recommended for majors in any of the physical sciences.

SOCY 498K — SOCIOLOGY OF KNOWLEDGE. The subject of this course is the creation, objectification and legitimation of what is called "knowledge". Our basic approach will be sociological. This is, instead of seeing knowledge as gained and respected for purely logical or empirical reasons, we will examine the acquisition and acceptance of knowledge as a social process, a process through which concepts such as "logical" or "empirical" are themselves constructed and imposed. Within this broad sociological perspective, we will compare several different approaches; for example, we will examine and employ the intellectual strategies of phenomenologists, marxists, functionalists and semioticians for the sociology of knowledge. Prerequisites: introduction to sociology, philosophy or history.

ZOOL 328F — SELECTED TOPICS IN ZOOLOGY: THE BRAIN. An examination of the development of our knowledge of some of the mysteries of the brain. The course will include an introduction to how the brain monitors the outside world and maneuvers the body through it, how the brain integrates bodily functions, how the brain is changed by experience, the characteristics of brain rhythms, and the cellular basis of brain activity. Prerequisite: Introductory Biology (e.g. BIOL 101 or ZOOL 101).

ANALYSIS OF HUMAN PROBLEMS

AMST 418B — CULTURAL THEMES IN AMERICA: CULTURE AND MENTAL DISORDERS IN MODERN AMERICA. This course will be based on a comparative, cross-cultural approach to the connections between culture and mental disorders in contemporary American society. In considering the social circumstances in which deviance is committed, labelled, and treated, emphasis will be placed on the analysis of the symbolic systems created and employed by deviants, such as psychotics, and of the symbolic systems used by therapists such as psychiatrists. The relationships between these two systems, and their connections to patterns in the general American culture will be explored. Theoretical readings will be supplemented by case studies from American and non-Western cultures. Students will have the opportunity to conduct field observations at local mental institutions. Prerequisite: a course in American studies or an anthropology, psychology, or sociology course.

AMST 418C — CULTURAL THEMES IN AMERICA: THE AMERICAN ENVIRONMENT: CONSERVATION AND ECOLOGY. Prerequisites: none.

AMST 418D — CULTURAL THEMES IN AMERICA: GROWING UP AMERICAN. This course examines growing up in the United States, using historical documents, novels, and child-rearing manuals; emphasis on the transmission of values, knowledge, and beliefs. Prerequisite: a prior course in American Studies, History or Sociology.

AMST 428B — AMERICAN CULTURAL ERAS: AMERICAN FILM CULTURE IN THE 1960s. Investigating the interaction between the film medium and an era of significant cultural change, the course will emphasize: (1) institutional factors (the Hollywood industry, the avant-garde, film critics) that influence the production and

appreciation of the motion picture; (2) Hollywood genres (the horror film, the war movie, the gangster melodrama) undergoing transformations during this period; (3) documentaries and experimental narrative films exploring the medium as an instrument for social observation and reform. Prerequisites: one American Studies course, a Film course, a twentieth century American History course, a Sociology course.

ANTH 389B — MEDICINE, HEALTH AND CULTURE. Anthropologists study medical and health behavior in diverse cultural settings. The subject matter for this course ranges from traditional healing and health care practices to contemporary United States medical treatment. Topics include nutrition, cross-cultural dimensions of mental health, medical practices, and professonal roles for health practitioners. Prerequisites: ANTH 102 or related course in the social sciences and permission of instructor.

ARHU 308A — POST WORLD WAR II JAPAN THROUGH FILM AND FICTION. A critical analysis, using fiction, film, and historical writing, of Japan's defeat in World War II, postwar trauma as an occupied country, and ultimate national recovery and emergence as an economic superpower. It asks what changed and what continued and why in Japanese politics, economic life, educational system, the arts, the family and value system, and international relations. Topics include war guilt and the psychology of defeat; the human costs of the atomic bomb; occupation reforms and interaction with the conquerors; peace and security treaties and the resumption of international relations; changing family and social roles; creativity in the arts and sciences; competition in world trade and high technology. Prerequisites: completion of Social & Behavioral Sciences.

EDCP 462 — THE DISABLED PERSON IN AMERICAN SOCIETY. A critical examination of the history of legislation and analysis of current policies toward severely physically and mentally disabled persons. Material will include an exploration and evaluation of diverse rehabilitation approaches to the functional problems of disabled individuals. Implications of current legislation, with particular emphasis on human rights issues, will be reviewed. Case studies will illustrate the applicability of these relationships.

EDIT 488T — ISSUES CONFRONTING FAMILIES PAST AND FUTURE: A MULTIDISCIPLINARY EXAMINATION. This course is designed to examine issues confronting families now and in the future. The theoretical framework focuses on how technology, communication, and values affect family decisions regarding a variety of issues. These issues include roles, management of resources, work, health, and information seeking. Prerequisites: PSYC 100 or SOCY 100.

EDPA 488Q — TECHNOLOGY, SOCIAL CHANGE & EDUCATION. The course is concerned with the new technology: how it relates to education and consequently to social change. The books assigned are from the academic area of Social Foundations of Education and from the emerging literature of Education Communications. A humanistic view is taken in an effort to try to understand recent technological developments. Assignments will involve two scholarly papers which will analyze the relationship of the new technologies to education and humanistic concepts. Prerequisites: Junior/Senior status and Social Science requirement completed.

ENGL 379F — SPECIAL TOPICS IN LITERATURE: COPING WITH CHANGE. An examination of the kinds of changes which confront the individual and society and ways of coping with these changes as seen in literature and film. Topics will range from personal changes such as adapting to the breakup of a family or a career change to large scale social changes involving alterations in value systems and behavior. In addition to course readings, students will participate in a group project interviewing and presenting a group profile of a specific group which has recently experienced a major change (freshmen, retirees, returning students, etc.). Prerequisites: two Literature courses. NO pass/fail option.

ENGL 379N — SPECIAL TOPICS IN LITERATURE: THE LITERATURE OF SENTIMENT AND SENTIMENTALITY. Treats the beginning of the Romantic Movement in England, presenting major works of poetry and prose against the background of the Industrial Revolution, the French Revolution, and the growth of nationalism. The underlying question in the course, however, is how our view of the world around us, and our presentation of human experience has been influenced by the Romantic Revolution. Prerequisite: Completion of two literature courses.

ENGL 379Q — SPECIAL TOPICS IN LITERATURE: UTOPIA & UTOPIAN VISIONS. Treats the development of the Utopian genres in literature and the transformation of some dystopian texts into films. The course emphasizes responses to the following human problems: Frederick Winslow Taylor's "Scientific Management" and modern technocracy, the anti-feminine tradition and feminism, the modern state and individual freedom, the distribution of wealth and the philosophy of pleasure, eugenics and euthanasia, and, finally, the problem of art vs. propaganda as confronted by the author of utopias. Prerequisite: Completion of two literature courses.

ENGL 379R — SPECIAL TOPICS IN LITERATURE: DIFFERENT VIEWS OF THE CHESAPEAKE BAY. Studies the way in which the Bay has served as the subject of observers of different times and with different concerns. Involving scientific, sociological, *and* literary treatments of the subject. The course provides an understanding not only of historical events, but also of the governmental and industrial forces that have influenced life in Maryland. Prerequisite: completion of two literature courses.

ENGL 379S — SPECIAL TOPICS IN LITERATURE: CHANGING IDEAS OF THE CITY IN WESTERN LITERATURE. Deals with the conflict between the modern tendency to think of the *fact* of cities as business centers, slums, cultural resources, etc., and the older concern with the *idea* of cities as places in which people can achieve their highest civic, political, and human potential. The imaginative significance of the city is revealed through reading some of the great "city literature" from Sophocles and Plato to Nathaniel West and George Orwell. Prerequisites: two lower level English courses.

ENGL 379T — SPECIAL TOPICS IN LITERATURE: ON ARGUMENT. This course teaches students the nature and uses of written argument by having them: 1) read some of the great arguments in history, 2) learn the theory and strategies behind these arguments and arguments in general, and 3) practice writing and criticizing arguments themselves. The readings will include works and excerpts from works by John Milton, Adam Smith, Jonathan Smith, Jeremy Bentham, John Stuart Mill, Charles Darwin, E. O. Wilson, and contemporary arguments from different forums. Students will write two short and one longer paper and take a midterm and a final.

ENGL 479A — SELECTED TOPICS IN ENGLISH AND AMERICAN LITERATURE AFTER 1800: IDEAL & REAL COMMUNITIES IN 19th CENTURY AMERICAN LITERATURE. Focuses generally on the problem of defining and developing a new nation that seeks to be an ideal regenerative community and specifically on the role of utopian ideals and the problem of sustaining those ideals as revealed in 19th century American literature. The course treats such classic authors as Cooper, Hawthorne, and Melville as well as such neglected writers as Rebecca Harding Davis, Harriet Wilson, and the anonymous women factory workers in 1840's Lowell. Prerequisite: completion of two literature courses.

FREN 479B — THEMES AND MOVEMENTS OF FRENCH LITERATURE IN TRANSLATION: AUTOBIOGRAPHICAL FICTION BY FRANCOPHONE WOMEN WRITERS. The course examines some of the many questions related to woman's experience and quest for identity. Authors will include Sand, Colette, deBeauvoir, Sarraute, Duras, Cardinal, Blais. In English. Prerequisite: Completion of USP Distributive Studies A & C requirements.

FREN 479C — THEMES AND MOVEMENTS OF FRENCH LITERATURE IN TRANSLATION: CONFLICT BETWEEN INDIVIDUAL AND SOCIETY IN FRENCH LITERATURE. Prerequisite: Junior standing; a course in literature, philosophy, or history of ideas.

FREN 479A — MASTERWORKS OF FRENCH LITERATURE IN TRANSLATION: THE LITERATURE OF EXISTENTIALISM AND THE ABSURD. Readings and discussion of masterworks of 20th century French literature with a focus on the dominant theme of anxiety. Authors include Gide, Malraux, Sartre, Camus, Beckett. Works are analyzed primarily as a reflection of philosophical ideas and historical events that have led to an awareness of the absurd and the formulation of an existentialist outlook. All work in English. Prerequisites: none.

FREN 479D — MASTERWORKS OF FRENCH LITERATURE IN TRANSLATION: IDEOLOGIES AND RELATIONS BETWEEN THE SEXES. The course examines how various ideological trends associated with certain historical periods over the last five centuries are reflected in major French literary works dealing with the relations between the sexes. The primary focus of discussion will be the notion of equality between the sexes. All work in English.

GERM 389J — TOPICS IN GERMANIC CULTURE: HONOR AS A THEME IN WESTERN LITERATURE. This course traces the concept of honor as revealed in literary and philosophical works from classical to modern times, from the *Iliad* and *Beowulf* to Schnitzler's *None But the Brave*, and Harper Lee's *To Kill a Mockingbird*. All readings in English, no previous training required. Prerequisites: a course in literature or cultural anthropology.

GERM 389R — TOPICS IN GERMANIC CULTURE: REASON AND FAITH. An examination of the basic issue of "reason and faith" with readings drawn from both classical and contemporary writers and philosophers such as Bacon, Pascal, Voltaire, Kant, Goethe, Kierkegaard, Kafka, Camus, and Russell. Discussion will center on the crucial role the concepts "reason and faith" play in the daily decision-making process. Prerequisite: an introductory course in one of the following areas: literature, philosophy, cultural anthropology, psychology, or sociology.

HIST 312A — CRISIS AND CHANGE IN THE UNITED STATES: THE CHANGING URBAN SCENE. This course explores the changing urban scene in the United States with emphasis on the effects of urbanization on values, family patterns, intergroup relations and social structure. Theories about urbanization will be considered in relation to the historical evidence regarding cities at different stages of the national development.

HIST 312B — CRISIS AND CHANGE IN THE UNITED STATES: DYNAMICS OF FEDERAL INDIAN POLICY. This course offers in-depth analysis of federal Indian policies in the United States, presenting key periods in the development of policy toward native Americans and inviting students to evaluate the moral dilemmas which shifting federal policies have posed. The course emphasizes receptivity to different cultures and values. Prerequisite: One history course.

HIST 313A — CRISIS AND CHANGE IN EUROPEAN SOCIETY: FREEDOM AND AUTHORITY. An examination from an historical perspective of the conflict between society's demands and the demands of the individual conscience. Areas covered: Ancient World, Modern Totalitarian States (Nazi Germany and the USSR), American Ideas and Experience. Prerequisites: one history course.

HIST 314A — CRISIS AND CHANGE IN THE MIDDLE EAST AND AFRICA: NATIONALISM AND NATION BUILDING IN THE MIDDLE EAST. This course acquaints students with the effect of nationalism on patterns of political conflict and accommodations in the Middle East. Readings and discussions focus on the period since World War I and the collapse of the Ottoman Empire. It explores the challenges presented to Arab and Turkish nation builders in their efforts to defend a national identity, secure full independence and establish a legitimizing national ideology supported by stable political, social and economic institutions. The special place of Iran, with its centuries-old national existence, will also be studied. Prerequisite: one history course.

HIST 316A — CRISIS AND CHANGE IN LATIN AMERICA: SLAVERY AND RACE RELATIONS. This course attempts to help students understand the similarities and differences in the slave systems and the parallel racial tensions that developed in the Americas since the sixteenth century. Emphasis will be placed upon the formation of the slave societies, the tensions caused by the abolition movements that led to the end of the slave era, and the evolutions of modern racism. Prerequisite: one history course.

HIST 458A — SPECIAL TOPICS IN WOMEN'S HISTORY: VICTORIAN WOMEN. Explores the persistence of elements of an ideology developed in one social context into another where both society and values have much changed. Scholarly emphasis on "development" in the study of ideas tends to neglect how frequently what Weber called "outmoded convictions" retain substantial social influence. By having students explore closely the development of concepts about women in the Victorian period, and the way this ideology continues to be influential in many forms of social thought today, a sense of the relationship of major vestigial social ideas to both changing socio-economic relations and reform interests will be conveyed. Prerequisite: one course in history.

NUTR 498F — DEVELOPMENT AND MODIFICATION OF FOOD HABITS. Multi-factual problems related to changing food habits: relationships between food habits and health status; strategies for changing specific food habits. Prerequisite: NUTR 100.

PHIL 308B — PHILOSOPHY OF LIFE. The course introduces students to ethical issues relevant to the way we understand and lead our lives. Questions to be discussed include: How important should morality be within an individual's concerns? How useful is life-planning in leading a good life? Is what is virtuous or good relative to one's time of life? And is it always irrational to choose less than the best? Readings will be from recent works of philosophy and psychology and certain classics of imaginative literature. Prerequisite: one course in philosophy.

PHIL 308F — PHILOSOPHICAL ASPECTS IN FEMINISM. Theoretical frameworks underlying issues of feminism, including theories for and theories against feminist conclusions. Major topics include sex/gender roles, the nature of sexuality, equal rights, pornography, abortion, the family, feminist socialism, and feminist and antifeminist positions. The final topic is the possibility of gender bias in the approach used in the course itself. Prerequisite: One course in philosophy.

PHIL 408A — TOPICS IN CONTEMPORARY PHILOSOPHY: ANALYSIS AND DESIGN OF LEGAL AND MORAL INSTITUTIONS. A study of the relationship between moral principles and the actual design and operation of social institutions and practices. The course seeks to determine whether there are foundational standards by which rules of law and/or morality can be assessed, and to determine the bearing of such standards on social mechanisms such as contracts or procedures for mediation of disputes. Prerequisite: One course in Philosophy and one course in Economics or Government and Politics.

PHIL 408L — TOPICS IN CONTEMPORARY PHILOSOPHY: RACIAL AND SEXUAL DISCRIMINATION. Central aim of the course is to re-examine the bases of our common judgements about discrimination and to work through some of the controversies about anti-discrimination policy. To carry through this aim, the course will focus on (1) the conceptual problems that impede our understanding of what discrimination is; (2) the general principles of justice and equal opportunity that are supposed to explain why discrimination by race or sex is generally wrong, and (3) the difficulties of putting into practice the elimination of discrimination. Prerequisite: one course in philosophy.

PHYS 318N — TOPICS IN CONTEMPORARY PHYSICS: THE RISKS OF NUCLEAR POWER. The physical processes involved and the current state of knowledge in such areas as demand for electricity, power plant systems and operations, the nuclear fuel cycle, properties of radioisotopes, biological effects of ionizing radiation, effects of low-level radiation, societal risks, transportation of radioactive materials, nuclear waste disposal, safety of operation of nuclear power plants, nuclear weapons proliferation and economics of electrical power production. Prerequisite: PHYS 112 or 122, or equivalent.

SOCY 498A — MEDICAL SOCIOLOGY. This course will look at health care and its relationship to the social system in which it takes place. We will examine the relationship between social factors and health; the seeking and use of health services; the profession of medicine including the physician, nurse and paraprofessional; the place of the hospital; the financing of medical care and more. Prerequisite: SOCY 100 or 105.

SOCY 498N — SOCIOLOGY OF NUCLEAR WAR. The course sets nuclear war within a specific conceptual framework of military history and social theories of war and violence. The course covers the history of strategic air and deterrence doctrines; the physics and chemistry of nuclear, chemical, biological, and recombinant DNA weapons; the effects of nuclear and catastrophic war, including social, political, economic, psychological, ecological, and semiotic; current Soviet and American scenarios for nuclear use and conventional force deployment; doctrinal and political connections between nuclear, conventional, and unconventional military options; the morality of war and how the morality itself is a function of the social organization of the production and delivery of violence. Prerequisite: SOCY 100 or 105.

SOCY 498R — WORK, FAMILY, COMMUNITY, AND FRIENDSHIP: ISSUES IN SOCIAL IDENTITY AND WELL BEING. What makes people happy and healthy? How important are ties to others in groups, a sense of community, a feeling of mattering to and caring about others? How important is objective standard of living? How do people maintain their social bonds, while preserving a sense of individual identity? How do the answers to these questions differ by gender, age, education, and race? These are some of the questions to be addressed in this course. Prerequisite: at least one course in sociology or psychology or a course on the family.

What's New and Interesting

DISTINGUISHED SCHOLAR-TEACHER COURSES

In 1978-79 the Campus initiated the Distinguished Scholar-Teacher Program whereby outstanding scholar-teachers will offer a series of special courses with an interdisciplinary emphasis. Each of the Distinguished Scholar-Teachers offers one course open to undergraduate students regardless of major. For the Fall 1988 Semester, the courses and instructors will be:

SPCH 475 — PERSUASION IN SPEECH (3). Section 0101, MW 11-12:15. Taught by Dr. Edward Fink, Communication Arts and Theatre. This course studies the bases of persuasion with emphasis on recent experimental developments in persuasion. Prerequisite: SPCH 200 or 230.

PHYS 117 — INTRODUCTION TO PHYSICS (4). Sections 0101, 0102, 0104, 0105, MWF 2-2:50. Taught by Dr. George Snow, Physics and Astronomy. Three lectures and one two-hour laboratory per week. This is a one semester non-mathematical course that studies some of the fundamental phenomena of the physical world, and the basic ideas that have been deduced about them. Topics include mechanical motion, gravity, the atomic nature of matter, electricity and magnetism, nuclei, radioactivity and relativity. This course is intended for students not majoring in the physical or biological sciences. Prerequisite: qualification to enter MATH 110.

CHEM 103 — GENERAL CHEMISTRY I (4). Sections 3214-3258. MWF 10-10:50. Taught by Dr. Alice Mignerey, Chemistry and Biochemistry. Three lectures, one discussion, and one three-hour laboratory per week. The first semester of a chemistry sequence intended for students whose curricula require a year or more of chemistry. The nature and composition of matter, chemical calculations, elements and inorganic compounds.

EDPA 488K — HIGHER EDUCATION IN AMERICAN SOCIETY (3). Section 0101, Tu 4:15-7:00. Taught by Dr. Robert Berdahl. Since their founding, universities and colleges have had an ambivalent relationship with their surrounding societies: both involved and withdrawn; both serving and criticizing; both needing and being needed. This course will examine the concepts of academic freedom, corporate autonomy and institutional accountability against such a background, with particular emphasis on the 20th century relationships between higher education and government in the United States.

The Distinguished Scholar-Teachers represent the best instruction offered at College Park. In view of the general interest of these courses, the instructors will welcome to the classroom any member of the campus community who wishes to attend some or all of the lectures. No advance arrangements are necessary.

AFRO-AMERICAN STUDIES PROGRAM

AASP 298A — BLACKS AND ECONOMIC DEVELOPMENT. Should black communities embrace publicly assisted strategies of helping small businesses and provisions of employment and training assistance or should they seek self-sufficiency through cooperatives, community-based corporations and the like? This course examines and evaluates these and other strategies implemented in various black communities in the U.S., Africa and the Caribbean for insights about economic growth, technology transfer, brain drain and other important aspects of economic development in minority communities.

AASP 298C — BLACKS AND THE LAW. The emphasis in this course will be on the relationship between black Americans and the criminal justice system. This will be done through considering the historical changes in the structure and content of criminal law and the legal institutions designed to support and implement that law. The course will examine the causes of racial disparities in criminal involvement, arrests, convictions and punishment.

AASP 298D/ECON 375 — ECONOMICS OF POVERTY AND DISCRIMINATION. This course provides an understanding of and an appreciation for the complexity of poverty and discrimination in advanced economies. Special emphasis is placed on the case of the United States and in particular on the problem of black-white inequality, but the insights acquired will prove useful in understanding economic inequality in other societies and among other groups as well. Students will be able to assess the relative merits of alternative public and private policies designed to reduce poverty and curb discrimination in various parts of the marketplace.

AASP 298S — CIVIL RIGHTS MOVEMENT. Examines the tumultuous post-World War II history of race relations through Ronald Reagan's checkered legacy. After a brief assessment of the history of segregation and related governmental policies, the major events and areas of racial change are treated such as court cases and decisions, massive resistance, racial violence, and public policy. Specific events (Little Rock, Birmingham, Selma) are examined in detail. Major leaders such as King, Malcolm X, Stokely Carmichael are critically evaluated. Includes films, guest lecturers, and a biography of King.

AASP 300 — THE BLACK COMMUNITY AND PUBLIC POLICY. This undergraduate level seminar will introduce the students to the skills and tools necessary to be policy analysts. The black community of the United States will be the social, political and economic framework within which the students will test the policy related skills they develop.

AASP 311 — AFRICAN SLAVE TRADE. The course will generally examine the origins, processes and dynamics of the African slave trade from the 16th to the 19th century. Particular attention will be given to understanding the economic determinants behind its introduction, sustenance and abolition. Additionally, the course will address the social and economic impact of the African slave trade on participating continents as well as the early predicament of freed slaves.

AASP 428B — THE POLITICAL ECONOMY OF AFRICA. Will economic sanctions help resolve the racial conflicts in South Africa? Can trade agreements and restructuring of primary commodity markets help improve the balance of trade in African nations that depend on exports for their survival? How much of the food shortage problem in Subsaharan Africa is a result of ill-fated land reform efforts, drought, mismanagement of resources or simply political infighting? Answers to these and other questions will help students better understand the politics and economies of African nations.

AASP 428J — POLICY ANALYSIS AND THE BLACK COMMUNITY. This course examines how various research methods can be used to evaluate the effectiveness of different public policy options. The course will review the advantages and disadvantages of various research methods and then examines how these techniques have been used in different policy areas, e.g., employment, education, and health care to influence public policy decision-making. The course will focus on the role of research in shaping public policy.

AASP 428W — BLACK WOMEN IN AMERICA. This course examines the past and contemporary lives of black women in the United States. The emphasis in this course, which has both a chronological and thematic approach, will be on how the intersection of gender and race influenced the experiences and attitudes of Afro-American women since the ante-bellum period. Based upon a critical reading of both primary and secondary sources; students will be expected to engage in informed debates. While it may not be possible in every instance to reach conclusions about black women and the impact of race and gender on their "public" and "private" lives, this course will provide students with the tools and data to more accurately examine black women's lives and to begin to separate fact from fiction.

COLLEGE OF BEHAVIORAL AND SOCIAL SCIENCES

BSOS-CASS — CERTIFICATE IN APPLIED SOCIAL SCIENCE. The College of Behavioral and Social Sciences offers a new undergraduate certificate program for those students interested in expanding their analytic and research skills in preparation for careers in the public and private sectors. The certificate in applied social science consists of an integrated, interdisciplinary package of courses in research and analytic methods in applied social science which is designed to complement a student's major. To qualify, students will be required to complete 21 hours of specified courses which include: an introduction to applied behavioral and social sciences, general analytic skills courses, a course in the ethics of social science research and a structured internship/practicum experience with an integrating seminar. Further information about the program is available from Dr. Barbara Altman, Program Director, Room 2108 Art/Sociology Building, X5036.

BSOS 200 — INTRODUCTION TO APPLIED BEHAVIORAL AND SOCIAL SCIENCES. Through lectures, discussions, videotapes, and laboratory exercises dealing with quantitative and qualitative research methods, this course will introduce students to the uses of behavioral and social sciences knowledge in real life situations. The course will include an examination of the applications of behavioral and social science disciplines to organizational, social and policy problems, emphasizing interdisciplinary and multidisciplinary perspectives. The laboratory exercises will include sessions in the Division micro-computer classroom. No prerequisites.

DEPARTMENT OF BOTANY

BOTN 105 — PRINCIPLES OF BIOLOGY I. The first of a two-semester course sequence in basic biological principles which is designed primarily for science majors. Biology 105 emphasizes cell and molecular biology and genetics. Approved as a lab science course for USP Distributive Studies Area B. No prerequisites.

BOTN 211 — ECOLOGY AND MANKIND. An up-to-date course which focuses on basic ecological principles as they relate to our current dilemmas of overpopulation, water pollution, food shortages, nuclear energy, acid rain, and our energy crises. The course is specifically designed for individuals without prior exposure to the biological or physical sciences, yet many science majors will also benefit from its approach and content. Lectures are supplemented with excellent movies from the NOVA series. Approved for USP Distributive Studies Area B. No prerequisites.

DEPARTMENT OF ECONOMICS

NEW COURSE: ECON 398R — ECONOMICS OF REGULATION (3). Prerequisites: ECON 306 (formerly 403) or ECON 406. Analyzes public policy alternatives for economic regulation of markets with market failures. Emphasis on markets that are currently heavily regulated, including airlines, natural gas, electric utilities, railroads and telecommunications.

HONORS SECTIONS OF ECON 201 and 203. Honors section of ECON 201 and ECON 203 are designed to provide a more in-depth treatment of economic principles. These sections are intended for students with better than average scholastic records and training, and those considering honors degrees and graduate school.

Permission to enroll in these (restricted) sections will be given by the Economic Advising Office, Tydings Hall 3115G, or by the Honors College.

ADVANCED LEVEL INTERMEDIATE THEORY COURSES. The Department teaches advanced level versions of intermediate theory, ECON 405 and ECON 406 providing an in-depth development of economic theory. One of these two courses is offered each term.

ADVANCED COURSES FOR NEW DEGREE REQUIREMENTS. The Department's new degree requirements require nine hours of courses with intermediate theory or statistics as a prerequisite. The expected schedule for these offerings is as follows: Fall 1988 — ECON 398R, ECON 402, ECON 422, ECON 441, ECON 460, and ECON 470; and Spring 1989 — ECON 402, ECON 422, ECON 423, ECON 416 (Theory of Economic Development), ECON 431, ECON 454, and ECON 460.

NEW STATISTICS SEQUENCE. The Department will offer a one year undergraduate sequence in econometrics: ECON 422 (Quantitative Methods in Economics I) to be taught each term; and ECON 423 (Quantitative Methods in Economics II) in Spring 1989.

HONORS PROGRAM. The Honors Program provides Economics majors with the opportunity for advanced study in a seminar format, with faculty supervision of seminar papers and a senior honors thesis. It is designed for students intending to attend graduate school or those who seek an in-depth study of economic theory and its application to economic problems.

Interested students should meet with the Director of Undergraduate Studies at the earliest possible date to review their curriculum plans and to apply for admission to the program.

DEPARTMENT OF EDUCATION POLICY, PLANNING, AND ADMINISTRATION

EDPA 839 — SEMINAR IN TEACHER EDUCATION (3). Mondays, 7:00-9:45. The history of teacher education in America and analysis of current proposals for reform of teacher preparation programs. This seminar will be co-taught by Dale Scannell, Dean of the College of Education, Richard Arends, Chair of the Department of Curriculum and Instruction, and Donald Warren, Chair of the Department of Education Policy, Planning, and Administration. It is open to graduate students from any department, and to advanced special students.

ENGINEERING SCIENCE

ENES 389 — HOW THINGS WORK: TECHNOLOGICAL LITERACY FOR THE 1990's (3). Instructor: W. W. Destler, Professor and Chairman, Electrical Engineering Department. MWF 10. Prerequisite: MATH 110 or equivalent. This new course offering is intended to provide non-technical majors with a sufficient understanding of modern technology to enable them to make intelligent decisions both in the marketplace and at the ballot box. Topics to be discussed will include computers, radio and television networks, telephone systems, radar, radiation sources and hazards, electric power systems, superconductors, and a variety of modern home appliances such as compact disc players, microwave ovens, and video cassette recorders.

DEPARTMENT OF FOOD, NUTRITION AND INSTITUTION ADMINISTRATION

FOOD 110 — FOOD FOR PEOPLE. Investigate the comprehensive and complex role of food in our society. Discuss food-related behavior and attitudes of individuals, including the influences on what we eat and how to gain greater individual control over them. Clarify the roles of industry and government, and the influence of food on national and international economics and politics. USP Distributive Studies Area D.

NUTR 335 — HISTORY OF NUTRITION. Prerequisite: a course in basic nutrition. Follow the history of the development of knowledge in nutrition. Study the biographies of creative nutrition researchers and learn the nature of the discovery process as well as the importance of social and cultural conditions in motivating researchers and finding solutions to nutritional problems. USP Advanced Studies — Development of Knowledge.

DEPARTMENT OF FRENCH AND ITALIAN

FREN 101H — ELEMENTARY FRENCH. Open to the highly motivated student. Introduction to reading, writing and speaking. This is not a section of FREN 101, but a separate course. Grades are based on individual performance and progress and are expected to be high in this course.

FREN 200 — FRENCH FOR READING. This course prepares students to translate from French to English on an advanced level. No previous knowledge of French is required. (Dr. Demaitre)

FREN 370 — ASPECTS OF FRENCH CIVILIZATION: FRANCE TODAY. Examines the historical, cultural, economic, and political forces that have shaped modern France since World War II. It emphasizes cross-cultural comparisons in each of these areas between France and other European countries as well as the United States. All work done in English. Meets USP requirements, Area A.

FREN 478B — FRANCOPHONE WRITERS. Examines the works of a selection of writers from French-speaking parts of the world, in particular Canada. Particular attention will be given to the relationships between the cultural background and the literary works. Writers discussed: Blais, Hebert, Roy, Tremblay, Ferron, Maillet and Chedid. All work done in English. Meets Advanced Studies Requirement: Analysis of Human Problems.

FREN 479D — IDEOLOGIES AND RELATIONS BETWEEN THE SEXES. Readings and discussion of French literary works in which the theme of sexual equality is treated. Reading list ranges from the medieval *Tristan* legend to works by Simone de Beauvoir and Marguerite Duras. Meets Advanced Studies Requirement: Analysis of Human Problems. All work done in English.

ITAL 121/H — ACCELERATED ITALIAN. First half of a two-semester cycle. With 122 satisfies the language requirement. NO PREVIOUS KNOWLEDGE OF ITALIAN REQUIRED. Not restricted to Honors students. (Amodeo)

ITAL 376 — THE ITALIAN OPERA LIBRETTO. A study of the Italian opera libretto from Monteverdi through Mozart to Verdi and Puccini. Emphasis on word-music relationship, historical and literary background. All work done in English. Meets Distributive Studies requirement, Area A. (Russell)

ITAL 475 — THE ITALIAN CINEMA: A CULTURAL APPROACH. A detailed analysis of Italian society and culture through the medium of literature and film. Emphasis on neo-realism (Rossellini, De Sica, Visconti) and post-neorealism (Fellini, Antonioni) with reference to some major Italian writers (Boccaccio, Verga, Moravia, Levi). All work done in English. (Dr. Falvo)

DEPARTMENT OF GEOGRAPHY

GEOG 203 — ECONOMIC GEOGRAPHY. The spatial characteristics of world economic activities. Population patterns; technology and economic development; principles of spatial interactions in trade; transportation networks; the city as an economic mode; the location of industries and services; the production and trade of agricultural and energy products.

GEOG 322 — CENTRAL AMERICA, THE CARIBBEAN AND MEXICO. The physical framework, broad economic and historical trends, cultural patterns, and regional diversification of Mexico, Central America, the West Indies.

GEOG 345 — CLIMATOLOGY. The geographic aspects of climate with emphasis on energy-moisture budgets, steady-state and non-steady-state climatology, and climatic variations at both macro- and micro-scales.

DEPARTMENT OF GERMANIC & SLAVIC LANGUAGES & LITERATURES

GERM 141 — ELEMENTARY YIDDISH I (Bilik).

GERM 280 — GERMAN-AMERICAN CULTURAL CONTRAST (Pfister). This course is designed to make the student aware of both the surface and deep cultural differences between German-speaking people and Americans. Of particular interest to those who plan to visit Germany, Austria, or Switzerland. No prerequisites; readings and instruction in English. USP Area A.

GERM 282 — GERMANIC MYTHOLOGY (Fleck). An introduction to the world of gods, giants, dwarfs, trolls, dragons, and heroes believed in by the Germanic tribes before their conversion to Christianity. Source readings from the Eddas, skaldic poetry, and the sagas. Comparison with the related mythologies of Greece and Rome, the Celts, Iran and India. No prerequisites; readings and instruction in English. USP Area A

GERM 369 — THE FILMS OF INGMAR BERGMAN (Fleck). 15 films are viewed ranging from *Smiles of a Summer Night* and *The Seventh Seal* to *Persona* and *Autumn Sonata*. Bergman's development as an author and characteristically Scandinavian thinker — and what makes his films "classics" with appeal to a large international audience. No prerequisites; readings and instruction in English.

GERM 381 — GERMAN CIVILIZATION I (Herin). A survey of the general culture of the German-speaking peoples from their emergence on the European scene through the Middle Ages and up to the beginning of the 19th century. Art, architecture, and music presented with slides and recordings. No prerequisites; readings and instruction in English. USP Area A

GERM 461 — READING SWEDISH, DANISH & NORWEGIAN I (Oster). Develops reading facility in all three languages in one semester by approaching the text as a decoding problem. A continuation is planned for Spring 1989. Instruction in English; no prerequisites.

GERM 479S — SANSKRIT I (Fleck). The first semester of a two-semester introduction to the ritual and literary language of ancient India. Students learn to read Sanskrit text in Devanagari script. Includes an historical-comparative discussion of Sanskrit as one of the earliest and best documented Indo-European languages. No prerequisites; however, students are warned that Sanskrit is difficult and intellectually demanding — only the well-motivated should enroll.

SLAV 281 — RUSSIAN CULTURE (Berry). Russian history, literature, music, art and cuisine are examined to better understand why Russians are called "mad" and why their outlook on life is different from ours. No prerequisites; instruction in English. USP Area A.

SLAV 328B — TOLSTOI, DOSTOEVSKY AND CHEKHOV (Berry). The Golden Age of Russian literature — a basic introduction for the general university student. Class discussions will be supplemented by slides and films. No prerequisites; readings and instruction in English. USP Area C.

SLAV 419P — PRACTICUM IN TRANSLATION FOR INTERNATIONAL DIPLOMACY (Brecht). A foreign policy simulation exercise. Advanced language students serve as official translators for the various countries represented in the simulation. Emphasis on building practical translation skills; theory of translation addressed as needed. Prerequisite: 3 years college instruction in the language of specialization.

SLAV 489: OLD RUSSIAN LITERATURE IN TRANSLATION (Hitchcock). No prerequisites; readings and instruction in English.

DEPARTMENT OF HEBREW & EAST ASIAN LANGUAGES AND LITERATURES

JAPN 418 — JAPANESE LITERATURE IN TRANSLATION: MODERN JAPANESE THEATRE (Rimer). A course, taught in English translation, focusing on the fascinating development of a modern and avant-garde theatre in Japan, from early experiments in the 1890's to the present. Given in conjunction with a series of programs on the modern Japanese theatre to be held during the fall semester.

FOLA 108K, FOLA 109K — ELEMENTARY KOREAN (6). Beginning course in Korean. In spite of the FOLA designation, this course is an intensive language class meeting with an instructor for six hours each week. It is an introduction to basic patterns of contemporary spoken Korean, and the emphasis is on developing an ability to speak the language. However, the course also introduces the Korean alphabet. It must be strongly stressed that the course is for beginning students *only*, and students who already have some fluency in the language will not be permitted to register for the course.

COLLEGE OF JOURNALISM

JOUR 459A/AASP 428N — NEWS COVERAGE OF RACIAL ISSUES (3). An in-depth analysis of how the media covers various racial issues will be presented utilizing various capital area media and public policy guest speakers.

DEPARTMENT OF METEOROLOGY

METO 301 — INTRODUCTION TO METEOROLOGY (3). Prof. Alan Robock. Do you ever wonder why the weather forecasts are usually correct, but sometimes spectacularly wrong? Do you want to find out about global climatic warming, or the "ozone hole"? Are you interested in the latest research on "nuclear winter"? Do you want a broad survey of atmospheric science, including tornadoes, hurricanes, rainbows, climate, air pollution and satellites? Are you considering a career in meteorology, and want to find out if there is more to this science than you see on the TV weather reports? If your answer to any of these questions is "yes", this is the course for you! The Department of Meteorology has no immediate plans to teach METO 100 in the future, and has applied to have METO 301 accepted as a USP Distributive Studies (B) Non-Lab Course, so if you want an introduction to meteorology, this is the course for you.

DEPARTMENT OF PHYSICS AND ASTRONOMY

PHYS 102 — PHYSICS OF MUSIC (3) (Sucher). Sound, acoustics, the ear, reproduction, synthesizers, musical instruments. Elementary knowledge of music notation required; no prerequisites. Together with PHYS 103, satisfies USP laboratory science requirement.

PHYS 103 — PHYSICS OF MUSIC LABORATORY (1) (Berg). Pre- or co-requisite: PHYS 102 or 499C. Laboratory to accompany PHYS 102 or 499C.

PHYS 106 — LIGHT, PERCEPTION, PHOTOGRAPHY AND VISUAL PHENOMENA (3) (Goodman). Lenses, cameras, holography, physics of the eye, color vision, art and illustrations. No math. Together with PHYS 107, satisfies USP laboratory science requirement.

PHYS 107 — LIGHT, PERCEPTION, PHOTOGRAPHY AND VISUAL PHENOMENA LABORATORY (1) (Goodman). Pre- or co-requisite: PHYS 106. Optical laboratory to accompany PHYS 106. Experiments include geometrical optics, optical instruments, perception, color phenomena and wave phenomena.

DEPARTMENT OF PHILOSOPHY

PHIL 209A — INTRODUCTION TO COGNITIVE STUDIES

PHIL 236 — PHILOSOPHY OF RELIGION (Martin)

PHIL 408C — REALISM: RECENT VIEWS (Devitt)

PHIL 414 — THE PHILOSOPHY OF ARISTOTLE (Celarier)

PHIL 456 — PHILOSOPHY OF BIOLOGY (Darden)

PHIL 472 — PHILOSOPHY OF MATHEMATICS (Svenonius)

PHIL 848 — INTRINSIC VALUE (Levinson)

PHIL 858 — THE LOGIC OF QUANTUM PHYSICS (Bub)

DEPARTMENT OF RECREATION

RECR 130 — RECREATION AND LEISURE (3) (USP D). Introduction to basic concepts of leisure behavior. Examine leisure from social and psychological perspectives. Discussion encouraged.

RECR 270 — LEISURE SERVICES AND SPECIAL POPULATIONS (3). Providing leisure services for special populations means more than making facilities accessible. Examine cognitive and affective orientations to working effectively with all user groups.

RECR 271 — IMPLICATIONS OF DISABLING CONDITIONS FOR THERAPEUTIC RECREATION (3). Recreation activities can be used in a variety of ways to enhance life quality for those with disabling conditions. Discover how one selects the most appropriate activity intervention based on unique aspects of disabilities. Familiarity with medical terminology helpful. May be of interest to special education, hearing and speech and health education majors.

RECR 335 — RECREATION AND LEISURE II (3). Leisure is FUNdamental to personal well being. Find out how you handle leisure in your life. Learn to manage career, education, family and still have positive leisure experiences.

RECR 420 — PROGRAM PLANNING AND ANALYSIS (3). Planning and analysis are processes which can be adapted to a variety of disciplines. Develop skills in this area by accessing demographic information, developing assessment tools and more. Small group work required.

RECR 440 — LEISURE SERVICES FOR THE AGING (3). The fastest growing segment of the population allows for examination of leisure participation patterns, ability to access services and related variables such as health status, financial independence, family, etc.

RECR 498Y — COMPUTER APPLICATIONS IN LEISURE SERVICES (3). Examine innovations in software designed to make leisure service delivery more efficient. Scheduling, finance, service evaluation are potential topics.

RECR 688Q — GRANTSMANSHIP AND LEGISLATIVE PROCESSES (3). Special graduate level offering developed to assist human services providers in refining grant-seeking and writing skills. Overview of funding agencies and related lobbying and legislative processes.

DEPARTMENT OF SOCIOLOGY

SOCY 312 — FAMILY DEMOGRAPHY. Study of the family and population dynamics. Fertility issues, such as teenage pregnancy, the timing of parenthood, and the determinants and consequences of family size; as they relate to family behavior, such as marital patterns, child care use, and the relationship between work and the family. Policy issues that relate to demographic changes in the family.

SOCY 404 — METHODS OF QUANTITATIVE ANALYSIS. Data analysis skills and experience in the use of computer-based statistical analysis packages provide one with a marketable skill, particularly when combined with additional statistics and research methods courses. The objective in this course is to provide the student with both a knowledge of data analysis (statistical) techniques, and experience in using statistical packages in data analysis. The primary statistical package which will be used will be SPSS, and the statistical techniques to be covered will be those included in the SPSS manual. The treatment of the statistics will be non-mathematical. The interest in the statistics will be in understanding the types of data analysis problems for which they are appropriate, and in understanding what are appropriate interpretations of the various statistics calculated by the SPSS programs.

SOCY 410 — POPULATION I. This course introduces students to the concepts and concerns of demographers. Population distribution and growth; sources of demographic data; population composition; population theories; fertility and family planning; migration and population policies. There will be consideration of how these factors influence individual lifestyles and impact on the social structure.

SOCY 424 — Analysis of race-related issues, with a primary focus on American society. The historical emergence, development, and institutionalization of racism; the impact of racism on its victims; and racially based conflict.

SOCY 445 — SOCIOLOGY OF THE ARTS. This course examines the various functions and roles of art in society. Among the topics covered are the distinctive facets of artistic careers and professions, art as social communication, the cultural meaning of artistic creations, and alternative governmental policies toward the arts. Particular emphasis is given to the relation of artists to their audiences and to the social problems and dilemmas the relation poses in a "post-industrial" society. Students are expected to conduct an extensive study of one artistic product, its social origins, its artistic intentions and its ultimate societal impact.

SOCY 498M — SOCIOLOGY OF IRANIAN CULTURE AND SOCIETY. The Iranian Revolution of 1978-79 is undoubtedly one of the major socio-political events of the post-World War II era. Not only has it affected the lives of millions of Iranians, but in one way or another it has also conditioned social, ideological, and political developments in other corners of the globe, including the United States. The Iran-Contra scandal is the prime example. What is most striking is the inability of social scientists, politicians, and journalists to explain Iran. Old concepts and theories are often used in vain to deal with this "anomaly." This course will discuss modern Iran in historical perspectives, beginning with late 19th Century and will analyze political, cultural, ideological, and social factors that laid the ground for the Iranian Revolution of 1978-79. The second part of the course will specifically deal with the developments in post-revolutionary Iran.

DEPARTMENT OF SPECIAL EDUCATION

EDSP 210 — INTRODUCTION TO SPECIAL EDUCATION. Characteristics and needs of individuals who are handicapped are examined. Current issues in special education are discussed. Open to all students considering special education.

EDSP 288C — CAREER DEVELOPMENT IN SPECIAL EDUCATION. Thinking about majoring in special education . . . but unsure as to whether or not this is the "right field" for you? Sign up for EDSP 288C, Career Development in Special Education. Not only will you get a good idea of the special education field and what it's *really* like to work in this area, but you'll also learn some college success skills and get the "low-down" on how to make the campus resources work for *you*.

INSTITUTE FOR URBAN STUDIES

URBS 210 — BEHAVIORAL AND SOCIAL DIMENSIONS OF THE URBAN COMMUNITY. Urbanism, urbanization, and urban demography; study of the institutional framework of urban areas, including administration, politics, finances, and communications; human services and social issues.

URBS 350 — QUANTITATIVE METHODS IN URBAN STUDIES. Prerequisite: two of URBS 100, 210, or 220; or permission of instructor. A practical introduction to urban data sources and measurement, basic descriptive statistics, urban data collection, sampling and questionnaire design, field techniques, plan use, introduction to computer use and data presentation.

URBS 656 — THE PLANNING PROCESS. For the would-be planner, and corporate planner-manager. Methods of plan development, from the formulation of policies to the design and implementation of programs; the course is conceived within the tradition of procedural planning theory. The planning process as it operates in a variety of organizational contexts.

URBS 670 — URBAN PUBLIC POLICY ANALYSIS. The processes and structures of policy-making and implementation in urban settings. Systematic study of policy outputs through various quantitative indicators of the distribution and delivery of public goods to indicate who decides, on what grounds, who will get how much of what — and why? Discussion and application of urban indicators.

DEPARTMENT OF ZOOLOGY

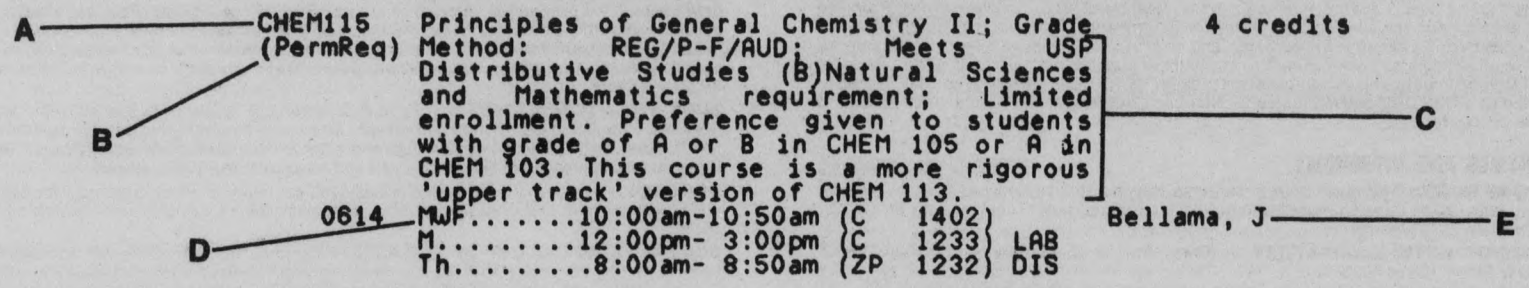
BIOL 105 — PRINCIPLES OF BIOLOGY I. The first of a two-semester course sequence in basic biological principles which is designed primarily for science majors. Biology 105 emphasizes cell and molecular biology and genetics. Approved as a lab science course for USP Distributive Studies Area B. No prerequisites.

ZOOL 328W — WOMEN IN SCIENCE (3) (Palmer). This course will explore four major topics: the image of the woman scientist; historical perspectives on women in scientific disciplines; current trends in participation; feminist criticisms of science, including science and its theories in women, science and objectivity, and alternate visions of science. The course will include lectures and visiting speakers although the format will be discussion-oriented. The time of the course is W 4:00-6:00 p.m. in ZP 1208.

SEPTEMBER 19th IS THE LAST DAY TO:

- ADD A COURSE
- DROP A COURSE
  (WITHOUT A "W")
- CHANGE CREDIT LEVEL
- CHANGE GRADING OPTION
- APPLY FOR A
  DECEMBER 1988 DIPLOMA
- PROCESS A LATE REGISTRATION

HOW TO READ COURSE LISTINGS



A. Course number, title and credits.

B. Permission required — Indicates course is restricted. Students planning to request restricted courses must go to the department offering the course for authorization. Students should be sure they have a department authorization stamp, on their Schedule Request Form, prior to their registration appointment.

C. Course information — outlines information such as grading methods, prerequisites, if course meets USP requirement, special requirements, and notes.

D. The first line of information next to the section number usually refers to the meeting time and room location (room location is indicated in parentheses) for the lecture segment of the course. Laboratory (LAB) and discussion (DIS) meeting times and locations are shown on the second and third lines when applicable.

E. Instructor

AASP Afro-American Studies (Behavior & Social Sci)

AASP100 Introduction to Afro-American Studies; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MW.....12:00pm-12:50pm (LEF 2205) Smead, H
F.....10:00am-10:50am (EGR 0135) DIS
0102 MW.....12:00pm-12:50pm (LEF 2205) Smead, H
F.....10:00am-10:50am (COL 0100) DIS
0103 MW.....12:00pm-12:50pm (LEF 2205) Smead, H
F.....11:00am-11:50am (COL 0100) DIS
0104 MW.....12:00pm-12:50pm (LEF 2205) Smead, H
F.....11:00am-11:50am (PHY 4220) DIS
0105 MW.....12:00pm-12:50pm (LEF 2205) Smead, H
F.....12:00pm-12:50pm (EGR 0135) DIS
0106 MW.....12:00pm-12:50pm (LEF 2205) Smead, H
F.....12:00pm-12:50pm (ARC 1127) DIS
0201 M.....7:00pm- 9:45pm (LEF 1221) STAFF

AASP200 African Civilization; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 TuTh.....9:30am-10:45am (KEY 0126) Perinbam, B

AASP202 Black Culture in the United States; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MW.....10:00am-10:50am (SHM 2101) Harley, S
F.....10:00am-10:50am (MHM 1304) DIS
0102 MW.....10:00am-10:50am (SHM 2101) Harley, S
F.....10:00am-10:50am (CHM 0122) DIS
0103 MW.....10:00am-10:50am (SHM 2101) Harley, S
F.....11:00am-11:50am (CHE 2120) DIS
0104 MW.....10:00am-10:50am (SHM 2101) Harley, S
F.....11:00am-11:50am (TWS 2212) DIS
0105 MW.....10:00am-10:50am (SHM 2101) Harley, S
F.....12:00pm-12:50pm (COL 0102) DIS
0106 MW.....10:00am-10:50am (SHM 2101) Harley, S
F.....12:00pm-12:50pm (TWS 2212) DIS

AASP298A Special Topics in Afro-American Studies: Blacks and Economic Development; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....2:00pm- 4:30pm (HZF 1106) STAFF

AASP298C Special Topics in Afro-American Studies: Blacks and the Law; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (LEF 1208) Sabol, W

AASP298D Special Topics in Afro-American Studies: Economics of Poverty and Discrimination; Grade Method: REG/P-F/AUD; Prereguisites: ECON 201 and ECON 203; or ECON 205. 3 credits
0101 W.....4:00pm- 6:30pm (LEF 2208) Myers, S

AASP298S Special Topics in Afro-American Studies: Civil Rights Movement; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (LEF 1220) Smead, H

AASP298V Special Topics in Afro-American Studies: The Blues as a Cultural Art Form; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....1:00pm- 3:30pm (SDH 3123) Williams, J

AASP300 The Black Community and Public Policy; Grade Method: REG/P-F/AUD; 3 credits
0101 Th.....2:00pm- 4:30pm (LEF 1220) STAFF

AASP311 The African Slave Trade; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (LEF 1221) STAFF

AASP386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; 1-3 credits
0101 Time and room to be arranged STAFF

AASP387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; 1-3 credits
0101 Time and room to be arranged STAFF

AASP397 Senior Reading and Research Seminar in Afro-American Studies; Grade Method: REG/P-F/AUD; 3 credits
0101 Time and room to be arranged Myers, S

AASP400 Directed Readings in Afro-American Studies; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....2:00pm- 4:30pm (LEF 1222) Myers, S

AASP428B Special Topics in Black Development: Political Economy of Africa; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (ARM 0110) STAFF

AASP428J Special Topics in Black Development: Policy Analysis and the Black Community; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....4:30pm- 7:00pm (LEF 1201) Carson, E

AASP428N Special Topics in Black Development: News Coverage of Racial Issues; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (ASY 2203) Holman, B

AASP428W Special Topics in Black Development: The Black Women in America; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....2:00pm- 4:30pm (LEF 1221) Harley, S

AEED Agricultural and Extension Education (Agriculture)

AEED323 Developing Youth Programs; Grade Method: REG; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 TuTh.....11:00am-12:15pm (SYM 0200) Miller, M

AEED389A (PermReq) Selected Topics: Agricultural Leadership Development; Grade Method: REG/P-F; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

AEED389B (PermReq) Selected Topics: Advanced Leadership Procedures; Grade Method: REG/P-F; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

AEED489 (PermReq) Field Experience; Grade Method: REG/P-F; Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

AEED489A (PermReq) Field Experience: Early Career Teachers Course; Grade Method: REG/P-F/AUD; 3 credits
0101 Time and room to be arranged Cooper, E

AEED499 (PermReq) Special Problems; Grade Method: REG/P-F; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

AEED626 Program Development in Adult and Continuing Education; Grade Method: REG; 3 credits
0101 M.....7:00pm- 9:40pm (SYM 0115) Rivera, W

AEED632 International Extension/Adult Education; Grade Method: REG; 3 credits
0101 Th.....7:00pm- 9:40pm (SYM 0115) Rivera, W

AEED663 Developing Rural Leadership; Grade Method: REG; 3 credits
0101 Tu.....2:00pm- 4:40pm (SYM 0115) Longest, J

AEED691 Research Methods in Adult and Continuing Education; Grade Method: REG/AUD; Prerequisite: EDMS 645 or its equivalent. 3 credits
0101 Tu.....5:00pm- 7:40pm (SYM 0115) Booth, N

AEED699 (PermReq) Special Problems; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

AEED798A Seminar in Rural Education: Joint Vocational Education Seminar; Grade Method: REG/AUD; 3 credits
0101 W.....4:15pm- 7:00pm (JMP 1202) Stough, K

AEED798F Seminar in Rural Education; Grade Method: REG/AUD; 1 credit
0101 Tu.....7:45pm- 9:00pm (SYM 0115) STAFF

AEED799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

AEED899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

AGRI Agriculture (Agriculture)

AGRI389 (PermReq) Internship in Natural Resources Management: Work Experience in Natural Resources Management; Grade Method: S-F; NRM majors only. 3 credits
0101 Time and room to be arranged Gibson Jr., G

AGRI411 (PermReq) Biology and Management of Shellfish; Grade Method: REG/P-F/AUD; One year of biology required. 4 credits
0101 TuTh.....9:30am-10:20am (SYM 2303) Sieling, F
TuTh.....10:30am-12:30pm (SYM 2303) LAB

AGRI489 Special Topics in Agriculture: Principles of Wildlife Management; Grade Method: REG; One year of biology required. 3 credits
0101 TuTh.....8:00am- 9:15am (SYM 0200) Adams, L

AGRI489D Special Topics in Agriculture: Agricultural Research Management Seminar; Grade Method: REG/P-F/AUD; 2 credits
0101 Tu.....4:00pm- 6:00pm (SYM 1308) Ingle, M

AGRO Agronomy (Agriculture)

AGRO100 Crops Laboratory; Grade Method: REG/P-F/AUD; Course meets University Studies Program Distributive Studies Lab-Science requirement when taken with AGRO 102. 2 credits
0101 TuTh.....12:00pm- 2:00pm (HJP 1104) LAB Slaughter, L
0102 WF.....12:00pm- 2:00pm (HJP 0103) LAB Slaughter, L

AGRO105 Soil and the Environment; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 3 credits
0101 TuTh.....2:00pm- 3:15pm (HJP 2242) Weil, R

AGRO302 General Soils; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 4 credits
0101 TuTh.....3:30pm- 4:45pm (HJP 2242) STAFF
Tu.....9:00am-11:50am (HJP 0210) LAB
0102 TuTh.....3:30pm- 4:45pm (HJP 2242) STAFF
W.....9:00am-11:50am (HJP 0210) LAB
0103 TuTh.....3:30pm- 4:45pm (HJP 2242) STAFF
W.....4:00pm- 6:50pm (HJP 0210) LAB

AGRO386 Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

AGRO387 Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

AGRO398 Senior Seminar; Grade Method: REG/P-F/AUD; 1 credit
0101 M.....3:00pm- 3:50pm (HJP 1104) STAFF

AGRO405 Turf Management; Grade Method: REG/P-F/AUD; Previous or concurrent registration in BOTN 100 is necessary. 3 credits

0101 MW.....2:00pm- 2:50pm (HJP 1104) Welterlen, M
W.....3:00pm- 6:00pm (HJP 1104) LAB

AGR0406 Forage Crop Production; Grade Method: REG/P-F/AUD; Previous or concurrent registration in AGRO 100 required. 3 credits
0101 MWF.....8:00am- 8:50am (HJP 1104) Decker, A

AGR0414 Soil Classification and Geography; Grade Method: REG/P-F/AUD; 4 credits
0101 MWF.....10:00am-10:50am (HJP 1104) Fanning, D
W.....2:00pm- 5:00pm (HJP 0103) LAB

AGR0421 Soil Chemistry; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....9:00am- 9:50am (HJP 1104) James, B
Th.....2:00pm- 4:50pm (HJP 0210) LAB

AGR0423 Soil-Water Pollution; Grade Method: REG/P-F/AUD; Previous or concurrent registration in AGRO 302 required. 3 credits
0101 MWF.....1:00pm- 1:50pm (HJP 1104) Angle, J

AGR0453 Weed Control; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....8:00am- 8:50am (HJP 1104) Glenn, D
Th.....2:00pm- 4:45pm (HJP 1104) LAB

AGR0499 (PermReq) Special Problems in Agronomy; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

AGR0499A Special Problems in Agronomy: Soil Judging; Grade Method: REG/P-F/AUD; 1-3 credits
0101 Sa.....8:00am-12:00pm (HJP 1104) Fanning, D

AGR0499C Special Problems in Agronomy: Crop Culture and Development; Grade Method: REG/P-F/AUD; Previous or concurrent registration in BOTN 441. 3 credits
0101 TuTh.....9:00am-10:45am (HJP 1104) Bruns, H

AGR0608 (PermReq) Research Methods; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

AGR0789A Advances in Agronomy Research: Computer Packages for Biological Data Analysis; Grade Method: REG/AUD; Concurrent registration in BIOM 405 section 0101. 2 credits
1101 MWF.....11:00am-11:50am (HJP 1104) McIntosh, M

AGR0789B Advances in Agronomy Research: Methods in Pedological Investigations; Grade Method: REG/AUD; 4 credits
0101 TuTh.....1:00pm- 5:00pm (HJP 0103) Rabenhorst, M

AGR0789C Advances in Agronomy Research: Advanced Topics in Plant Breeding; Grade Method: REG/AUD; 1 credit
0101 Tu.....11:00am-11:50am (HJP 1104) STAFF

AGP0798 Agronomy Seminar; Grade Method: REG/AUD; Instructors are Angle and Kenworthy. 1 credit
0101 M.....4:00pm- 4:50pm (HJP 1104) Rabenhorst, M

AGR0799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. A total of six hours required for thesis option for M.S. degree. 1-6 credits

AGR0899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. A total of twelve hours required for Ph.D. degree. 1-8 credits

---

AMST American Studies (Arts and Humanities)

AMST201 Introduction to American Studies I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....9:00am- 9:50am (TLF 2108) STAFF
0201 MWF.....10:00am-10:50am (TLF 2108) Rogers, A
0301 MWF.....11:00am-11:50am (TLF 2108) Rogers, A
0401 MWF.....12:00pm-12:50pm (TLF 2108) STAFF
0701 TuTh.....11:00am-12:15pm (TLF 2108) Metcalf, G
0901 TuTh.....12:30pm- 1:45pm (TLF 2103) Johnston, J
1001 TuTh.....12:30pm- 1:45pm (TLF 2103) Metcalf, G
1201 TuTh.....2:00pm- 3:15pm (TLF 2103) Johnston, J

AMST203 Popular Culture in America; Grade Method: REG/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 MWF.....10:00am-10:50am (TLF 2126) Mintz, L

AMST205 Material Aspects of American Life; Grade Method: REG/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....9:00am- 9:50am (TLF 2126) STAFF

AMST207 Contemporary American Cultures; Grade Method: REG/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 TuTh.....9:30am-10:45am (TLF 2126) Caughey, J

AMST298A Selected Topics in American Studies: Popular Music; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....7:00pm- 9:45pm (ARC 0204) Keesing, H

AMST330 Critics of American Culture; Grade Method: REG/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 TuTh.....12:30pm- 1:45pm (TLF 2110) Diner, H
0201 MWF.....11:00am-11:50am (TLF 2110) STAFF

AMST386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

AMST387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

AMST398 (PermReq) Independent Studies; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

AMST418A Cultural Themes in America: Culture and Society in American Humor; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (TLF 2126) Mintz, L

AMST418K Cultural Themes in America: Race in America: Theory and Policy; Grade Method: REG/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 TuTh.....9:30am-10:45am (TLF 2110) Diner, H

AMST450 (PermReq) Seminar in American Studies; Grade Method: REG; American studies majors only. 3 credits
0101 Th.....2:00pm- 4:45pm (TLF 2108) Lounsbury, M

AMST618R (PermReq) Introductory Seminar in American Studies; Grade Method: REG; 3 credits
0101 M.....7:00pm- 9:40pm (TLF 2108) Mintz, L

AMST628D Seminar in American Studies: East-West Cultural Connections; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm- 9:40pm (TLF 2108) Caughey, J

AMST628K (PermReq) Seminar in American Studies: America at the Turn of the Century; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:00pm- 6:40pm (TLF 2108) Diner, H

AMST638 Orientation Seminar: Material Aspects of American Civilization; Grade Method: REG/AUD; Class meets at Smithsonian. Call American Studies Office (454-4661) for information. 3 credits
0101 Time and room to be arranged Washburn, W

AMST639A Reading Course in Selected Aspects of American Civilization: Decorative Arts in America; Grade Method: REG/AUD; Class meets at Smithsonian. Call American Studies Office (454-4661) for information. 3 credits
0101 Time and room to be arranged Carson, B

AMST698 (PermReq) Directed Readings in American Studies; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

AMST799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

AMST899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

ANSC Animal Science (Agriculture)

ANSC101 Principles of Animal Science; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 3 credits
0101 MW.....1:00pm- 1:50pm (CHE 2110) Debarthe, J
Tu.....12:00pm- 2:00pm (ANS 1144) LAB
0102 MW.....1:00pm- 1:50pm (CHE 2110) Debarthe, J
Tu.....2:00pm- 4:00pm (ANS 1144) LAB
0103 MW.....1:00pm- 1:50pm (CHE 2110) Debarthe, J
W.....10:00am-12:00pm (ANS 1144) LAB
0104 MW.....1:00pm- 1:50pm (CHE 2110) Debarthe, J
Th.....12:00pm- 2:00pm (ANS 1144) LAB
0105 MW.....1:00pm- 1:50pm (CHE 2110) Debarthe, J
F.....12:00pm- 2:00pm (ANS 1144) LAB

ANSC201 Basic Principles of Animal Genetics; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (CLB 0111) Kuenzel, W

ANSC211 Anatomy of Domestic Animals; Grade Method: REG/P-F/AUD; 4 credits
0101 MWF.....2:00pm- 2:50pm (CHE 2110) Bradley, L
M.....3:00pm- 5:00pm (EPL 0101) LAB
0102 MWF.....2:00pm- 2:50pm (CHE 2110) Bradley, L
W.....3:00pm- 5:00pm (EPL 0101) LAB
0103 MWF.....2:00pm- 2:50pm (CHE 2110) Bradley, L
F.....11:00am- 1:00pm (EPL 0101) LAB
0104 MWF.....2:00pm- 2:50pm (CHE 2110) Bradley, L
F.....3:00pm- 5:00pm (EPL 0101) LAB

ANSC221 Fundamentals of Animal Production; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:00am- 9:50am (ANS 0119) Young, E
Tu.....10:00am-11:50am (ANS 1109) LAB
0102 TuTh.....9:00am- 9:50am (ANS 0119) Young, E
Th.....10:00am-11:50am (ANS 1109) LAB

ANSC230 Light Horse Management; Grade Method: REG/P-F/AUD; 4 credits
0101 TuTh.....1:30pm- 3:00pm (CHM 0115) Goodwin, E
Th.....3:00pm- 5:00pm (ANS 1109) LAB
0102 TuTh.....1:30pm- 3:00pm (CHM 0115) Goodwin, E
Tu.....3:00pm- 5:00pm (ANS 1109) LAB

ANSC252 Introduction to the Diseases of Wildlife; Grade Method: REG/P-F/AUD; 2 credits
0101 M.....4:00pm- 6:00pm (CHE 2110) Ingling. A

ANSC305 Companion Animal Care; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (CHM 0128) Penney, B

ANSC386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

ANSC387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

ANSC399 (PermReq) Special Problems in Animal Science; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-2 credits

ANSC401 Fundamentals of Nutrition; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (CHM 0119) Thomas, O

ANSC413 Laboratory Animal Management; Grade Method: REG/P-F/AUD; 3 credits
0101 WF.....1:00pm- 1:50pm (CHE 2116) Nepote, K
F.....2:00pm- 5:00pm (ANS 1144) LAB

ANSC421 Swine Production; Grade Method: REG/P-F/AUD; Prerequisites: ANSC 101, 221, and ANSC 203 or 401. 3 credits
0101 MW.....2:00pm- 2:50pm (ANS 1109) Hartsock, T
M.....3:00pm- 5:00pm (CHE 2120) LAB

ANSC446 Physiology of Mammalian Reproduction; Grade Method: REG/P-F/AUD; Prerequisites: ZOOL 422 or ANSC 212. 3 credits
0101 MWF.....12:00pm-12:50pm (ANS 1109) Williams, W

ANSC447 Physiology of Mammalian Reproduction Laboratory; Grade Method: REG/P-F/AUD; Pre or corequisites: ANSC 446. 1 credit
0101 W.....3:00pm- 6:00pm (ANS 1150) LAB STAFF

ANSC610 Electron Microscopy; Grade Method: REG/AUD; 4 credits
0101 TuTh.....2:00pm- 2:50pm (ANS 1109) Mohanty, S
TuTh.....3:00pm- 5:00pm (CHE 2120) LAB

ANSC660 Poultry Literature; Grade Method: REG/AUD; 1-4 credits
0101 Time and room to be arranged Doerr, J

ANSC687 Veterinary Virology; Grade Method: REG/AUD; Instructors: Mohanty and Dutta. 3 credits
0101 WF.....3:00pm- 4:15pm (ANS 1109) Dutta, S

ANSC698A Seminar: Recent Advances; Grade Method: REG/AUD; 1 credit
0101 M.....4:00pm- 4:50pm (ANS 1109) Erdman, R
0201 M.....4:00pm- 4:50pm (ANS 3105) Doerr, J

ANSC699 (PermReq) Special Problems in Animal Science: Special Problems in Animal Science; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-2 credits

ANSC799 (PermReq) Master's Thesis Research: Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ANSC899 (PermReq) Doctoral Dissertation Research: Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

ANTH Anthropology (Behavior & Social Sci)

ANTH101 Introduction to Anthropology: Archaeology and Physical Anthropology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 3 credits
0101 MWF.....1:00pm- 1:50pm (SHM 2101) STAFF
0201 MWF.....10:00am-10:50am (JMZ 0220) Williams, A
0301 MWF.....1:00pm- 1:50pm (WDS 1114) STAFF

ANTH102 Introduction to Anthropology: Cultural Anthropology and Linguistics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0201 TuTh.....9:30am-10:45am (WDS 1114) Wali, A
0301 MWF.....1:00pm- 1:50pm (MMH 1304) STAFF

ANTH102H Introduction to Anthropology: Cultural Anthropology and Linguistics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Honors. 3 credits
0201 MWF.....1:00pm- 1:50pm (MMH 1304) STAFF

ANTH241 Introduction to Archaeology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 TuTh.....12:30pm- 1:45pm (TLF 0124) Leone, M

ANTH298A Special Topics in Anthropology: Chesapeake - An Archaeology of Maryland; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....9:00am- 9:50am (SHM 2101) Dent, R

ANTH371 Introduction to Linguistics; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 TuTh.....12:30pm- 1:45pm (SYM 0200) Agar, M
0201 TuTh.....9:30am-10:45am (TLF 0101) McDaniel, C

ANTH389A (PermReq) Research Problems; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ANTH389C Research Problems: Culture and Personality; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 MWF.....3:00pm- 3:50pm (SHM 2102) STAFF

ANTH389J Research Problems: Anthropology and Modernization; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (WDS 1131) Wali, A

ANTH389X (PermReq) Research Problems: Honors Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

ANTH389Y (PermReq) Research Problems: Honors Thesis; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

ANTH397 Anthropological Theory; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....2:00pm- 2:50pm (WDS 1101) Williams, A

ANTH401 Cultural Anthropology: Principles and Processes; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 TuTh.....11:00am-12:15pm (SHM 2102) Stuart, W

ANTH451 Archaeology of the New World; Grade Method: REG/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 0105) Dent, R

ANTH601 (PermReq) Applied Anthropology; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:40pm (WDS 1131) STAFF

ANTH606 (PermReq) Methods of Cultural Analysis I; Grade Method: REG/AUD; 3 credits
0101 Tu.....7:00pm- 9:40pm (WDS 1131) Agar, M

ANTH611 (PermReq) Management and Cultural Process; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm- 9:40pm (WDS 1128) Leone, M

ANTH689A (PermReq) Special Problems in Anthropology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ANTH689C Special Problems in Anthropology: Culture and Personality; Grade Method: REG/AUD; 1-6 credits
0301 TuTh.....3:30pm- 4:45pm (WDS 1114) STAFF

ANTH705 (PermReq) Internship; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 6-12 credits

ANTH712 (PermReq) Internship Analysis; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

---

APDS Applied Design (Arts and Humanities)

APDS101 Fundamentals of Design; Grade Method: REG/P-F/AUD; For pre-design (1302X), design (1302A, 1302B), fashion merchandising (1303B), textile marketing (1303E), apparel design (1303A) and landscape design (01080) majors only. Attendance is mandatory. 3 credits
0101 F.....2:00pm- 3:40pm (MMH 1400) Dean, S
M.....2:00pm- 3:40pm (MMH 2411) DIS
0102 F.....2:00pm- 3:40pm (MMH 1400) Dean, S
M.....2:00pm- 3:40pm (MMH 2411) DIS
0103 F.....2:00pm- 3:40pm (MMH 1400) Dean, S
M.....2:00pm- 3:40pm (MMH 2415) DIS
0104 F.....2:00pm- 3:40pm (MMH 1400) Dean, S
W.....2:00pm- 3:40pm (MMH 2411) DIS
0105 F.....2:00pm- 3:40pm (MMH 1400) Dean, S
W.....2:00pm- 3:40pm (MMH 2411) DIS
0106 F.....2:00pm- 3:40pm (MMH 1400) Dean, S
W.....2:00pm- 3:40pm (MMH 2415) DIS
0107 F.....2:00pm- 3:40pm (MMH 1400) Dean, S
M.....2:00pm- 3:40pm (MMH 2415) DIS
0108 F.....2:00pm- 3:40pm (MMH 1400) Dean, S
W.....2:00pm- 3:40pm (MMH 2415) DIS

APDS102 Design II; Grade Method: REG/P-F/AUD; Prerequisite: APDS 101. For pre-design (1302X), design (1302A, 1302B), fashion merchandising (1303B), textile marketing (1303E), apparel design (1303A) and landscape design (01080) majors only. Attendance is mandatory. 3 credits
0101 M.....9:00am- 9:50am (TLF 0124) STAFF
W.....8:00am-11:00am (MMH 2411) LAB
0102 M.....9:00am- 9:50am (TLF 0124) STAFF
W.....8:00am-11:00am (MMH 2415) LAB
0103 M.....9:00am- 9:50am (TLF 0124) STAFF
F.....8:00am-11:00am (MMH 2411) LAB
0104 M.....9:00am- 9:50am (TLF 0124) STAFF
F.....8:00am-11:00am (MMH 2415) LAB

APDS103 Design III: Three-Dimensional Design; Grade Method: REG/P-F/AUD; Prerequisite: APDS 101. Corequisite or prerequisite: APDS 102. For pre-design (1302X), design (1302A, 1302B), fashion merchandising (1303B), textile marketing (1303E), apparel design (1303A), and landscape design (01080) majors only. Attendance is mandatory. 3 credits
0101 TuTh.....11:00am- 1:30pm (MMH 2411) LAB STAFF
0201 TuTh.....11:00am- 1:30pm (MMH 2415) LAB STAFF
0301 TuTh.....2:00pm- 4:30pm (MMH 2411) LAB STAFF
0401 TuTh.....2:00pm- 4:30pm (MMH 2415) LAB STAFF

APDS104 Survey of Design History; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; Attendance is mandatory. 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 0105) McWhinnie, H

APDS210 Presentation Techniques I; Grade Method: REG/P-F/AUD; Advertising design majors only. Prerequisite: APDS 103. Attendance is mandatory. 3 credits
0101 MW.....4:00pm- 6:30pm (MMH 2411) STAFF

APDS211 Action Drawing: Fashion Sketching; Grade Method: REG/P-F/AUD; Advertising design majors only. Prerequisite: APDS 101. Attendance is mandatory. 3 credits
0101 MWF.....11:00am- 1:00pm (MMH 2411) LAB STAFF

APDS237 Photography; Grade Method: REG/P-F/AUD; Advertising design majors only. Prerequisite: APDS 101, 102, or equivalent. Additional lab time to be arranged. Attendance is mandatory. 3 credits
0101 Th.....3:00pm- 4:00pm (MMH 0110) Jacobs, W
Tu.....2:00pm- 5:00pm (MMH 0110) LAB
Time and room to be arranged LAB

APDS320 Fashion Illustration; Grade Method: REG/P-F/AUD; Prerequisites: APDS 101, 102, 103, 210, 211. Advertising design majors only. Attendance is mandatory. 3 credits

0101 Tu.....3:00pm- 4:00pm (MMH 1413) Lozner, R
Th.....1:00pm- 4:00pm (MMH 1413) LAB

APDS330 Typography and Lettering; Grade Method: REG/P-F/AUD; Prerequisite: APDS 101, 102. Advertising design majors only. Attendance is mandatory. 3 credits
0101 F.....9:00am-10:15am (MMH 1413) Roper, J
M.....8:00am-11:00am (MMH 1413) LAB

APDS331 Advertising Layout; Grade Method: REG/P-F/AUD; Prerequisite: APDS 330 and EDIT 160, APDS 101, 102. Consent of instructor. Advertising design majors only. Attendance is mandatory. 3 credits
0101 Tu.....8:00am- 9:00am (MMH 1413) Roper, J
Th.....8:00am-11:00am (MMH 1413) LAB

APDS332 Display Design; Grade Method: REG/P-F/AUD; Prerequisites: EDIT 160, APDS 330, APDS 101, APDS 102. Advertising design majors only. Attendance is mandatory. 3 credits
0101 M.....2:00pm- 3:30pm (MMH 1304) Ansell, J
W.....4:00pm- 7:00pm (MMH 1413) LAB

APDS337 Advanced Photography; Grade Method: REG/P-F/AUD; Advertising design majors only. Prerequisites: APDS 237 and APDS 101, 102. Additional lab time to be arranged. Attendance is mandatory. 3 credits
0101 Tu.....12:00pm- 1:00pm (MMH 0110) Gips, C
Th.....8:00am-11:00am (MMH 0110) LAB

APDS380 Professional Seminar; Grade Method: REG/P-F/AUD; Junior standing and consent of the instructor. Advertising design majors only. Attendance is mandatory. 3 credits
0101 Tu.....11:00am- 1:30pm (ARM 0119) Lozner, R
Th.....11:00am-12:00pm (ARM 0119)

APDS386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Must be taken concurrently with APDS 387. Advertising design majors by portfolio review and written consent of instructor. Attendance is mandatory. 1-3 credits
0101 M.....1:00pm- 1:50pm (MMH 2407A) Roper, J
0201 Time and room to be arranged Gips, C
0301 Time and room to be arranged Lozner, R
0401 Time and room to be arranged Ansell, J
0501 Time and room to be arranged Jacobs, W
0601 Time and room to be arranged Thorpe, J

APDS387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Must be taken with APDS 386 - use same section number. Advertising design majors by portfolio review and written consent of instructor. Attendance is mandatory. 1-3 credits
0101 M.....1:00pm- 1:50pm (MMH 2407A) Roper, J
0201 Time and room to be arranged Gips, C
0301 Time and room to be arranged Lozner, R
0401 Time and room to be arranged Ansell, J
0501 Time and room to be arranged Jacobs, W
0601 Time and room to be arranged Thorpe, J

APDS430 Advanced Problems in Advertising Design; Grade Method: REG/P-F/AUD; Prerequisite: APDS 101, 102, 330, 331. Advertising design majors only. Attendance is mandatory. 3 credits
0101 M.....9:00am-10:00am (MMH 1108) Thorpe, J
F.....8:00am-11:00am (MMH 1108) LAB

APDS431 Advanced Problems in Advertising Design; Grade Method: REG/P-F/AUD; Advertising design majors only. Prerequisite: APDS 430. Attendance is mandatory. 3 credits
0101 W.....12:00pm- 1:00pm (MMH 1413) STAFF
M.....12:00pm- 4:00pm (MMH 1413) LAB

APDS499A Individual Problems in Applied Design; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3-4 credits

APDS499D Individual Problems in Applied Design: Core; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3-4 credits

---

ARCH Architecture (Architecture)

ARCH170 Introduction to the Built Environment; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....11:00am-11:50am (ARC 0204) STAFF

ARCH220 History of Architecture I; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (ARC 0204) Vann, R

ARCH242 Drawing I; Grade Method: REG/P-F/AUD; Architecture and pre-architecture majors only. Section 0104 is recommended for Path B students. 2 credits
0101 W.....10:00am-10:50am (ARC 0204) Bennett Jr., R
M.....9:00am-10:50am (ARC 1123) LAB
0102 W.....10:00am-10:50am (ARC 0204) Bennett Jr., R
M.....12:00pm- 1:50pm (ARC 1103) LAB
0103 W.....10:00am-10:50am (ARC 0204) Bennett Jr., R
F.....9:00am-10:50am (ARC 1123) LAB
0104 W.....10:00am-10:50am (ARC 0204) Bennett Jr., R
F.....12:00pm- 1:50pm (ARC 1103) LAB

ARCH312 Architectural Structures I; Grade Method: REG/P-F/AUD; Prerequisite: MATH 220 and PHYS 122. ARCH majors only or permission of instructor. 3 credits
0101 TuTh.....11:00am-12:15pm (ARC 1101) Loss, J

ARCH313 Thermal and Acoustical Technology in Buildings; Grade Method: REG/P-F/AUD; Prerequisite: MATH 220 and PHYS 122. ARCH majors only or permission of instructor. 3 credits
0101 TuTh.....2:00pm- 3:15pm (ARC 1101) Thiratrakoolcha

ARCH343 Drawing II: Line Drawing; Grade Method: REG/P-F/AUD; ARCH majors only or permission of instructor. 2 credits
0101 F.....12:00pm- 2:00pm (ARC 1101) Lewis, R
M.....12:00pm- 2:00pm (ARC 1101) LAB

ARCH375 Architectural Construction and Materials; Grade Method: REG/P-F/AUD; ARCH majors only or permission of instructor. 3 credits
0101 MWF.....11:00am-11:50am (ARC 1101) Arikoglu, K

ARCH386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact David Fogle for information. 1-3 credits

ARCH387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact David Fogle for information. 1-3 credits

ARCH400 Architecture Studio I; Grade Method: REG/P-F/AUD; ARCH majors only. 6 credits
0101 MWF.....2:00pm- 6:00pm (ARC 0204) Kelly, B
MWF.....2:00pm- 6:00pm (ARC 0101) LAB

ARCH402 Architecture Studio III; Grade Method: REG/P-F/AUD; ARCH majors only. 6 credits
0101 MWF.....2:00pm- 6:00pm (ARC 1103) Arikoglu, K
MWF.....2:00pm- 6:00pm (ARC 0101) LAB

ARCH408 (PermReq) Selected Topics in Architecture Studio: Architecture Studio Elective; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. ARCH majors only. Prerequisite: ARCH 403 or equivalent. Contact S. Sachs for information. 3-6 credits

ARCH416 Advanced Architectural Structures; Grade Method: REG/P-F/AUD; ARCH majors only or permission of instructor. 3 credits
0101 TuTh.....2:00pm- 3:15pm (ARC 1103) Loss, J

ARCH419 (PermReq) Independent Studies in Architectural Science; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact J. Loss for course information. 1-4 credits

ARCH423 (PermReq) History of Roman Architecture; Grade Method: REG; 3 credits
0101 TuTh.....12:30pm- 1:45pm (ARC 1101) Vann, R

ARCH427 (PermReq) Theories of Architecture; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....9:00am-11:00am (ARC 1127) Schumacher, T
W.....10:00am-10:50am (ARC 1127)

ARCH428A (PermReq) Selected Topics in Architectural History: Modern Italian Architecture: 1890-1940; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....3:30pm- 4:45pm (ARC 1121) Etlin, R

ARCH428B (PermReq) Selected Topics in Architectural History: Roman Seminar; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....3:30pm- 4:45pm (ARC 1123) Vann, R

ARCH429 (PermReq) Independent Studies in Architectural History; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact L. Vann for course information. 1-4 credits

ARCH434 History of Modern Architecture; Grade Method: REG/P-F/AUD; ARCH majors or permission of instructor. 3 credits
0101 TuTh.....12:30pm- 1:45pm (ARC 1103) Etlin, R

ARCH442 (PermReq) Studies in Visual Design; Grade Method: REG/P-F/AUD; 3 credits
0101 MF.....12:00pm- 2:00pm (ARC 1123) Mason, L

ARCH445 (PermReq) Visual Analysis of Architecture; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (ARC 1103) Kelly, B

ARCH448 (PermReq) Selected Topics in Visual Studies: Furniture Design; Grade Method: REG/P-F/AUD; 3-4 credits
0101 MW.....6:00pm- 7:30pm (ARC 1127) Mason, L

ARCH449 (PermReq) Independent Studies in Visual Studies; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact Stephen Sachs for information. 1-4 credits

ARCH451 (PermReq) Urban Design Seminar; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....9:00am- 9:50am (ARC 1125) Dupuy, K
F.....9:00am-11:00am (ARC 1125)

ARCH459 (PermReq) Independent Studies in Urban Planning; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact D. Fogle for course information. 1-4 credits

ARCH460 (PermReq) Site Analysis and Design; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....3:30pm- 6:15pm (ARC 1101) Lu, P

ARCH461 (PermReq) Design and Energy; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (ARC 1123) Thiratrakoolcha

ARCH470 (PermReq) Computer Applications in Architecture; Grade Method: REG/P-F/AUD; ARCH majors only. 3 credits
0101 W.....11:00am-11:50am (ARC 1105) Sachs, S
F.....11:00am-12:50pm (ARC 1105) LAB

ARCH478B (PermReq) Selected Topics in Architecture: Introduction to Landscape Architecture Design and Site Planning; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-12:15pm (ARC 1121) Lu, P

ARCH479 (PermReq) Independent Studies in Architecture; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact S. Sachs for information. 1-4 credits

ARCH489 (PermReq) Independent Studies in Architectural Preservation; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact D. Fogle for course information. 1-4 credits

ARCH600 Architecture Studio V; Grade Method: REG/AUD; 6 credits
0101 MWF.....2:00pm- 6:00pm (ARC 1105) Schumacher, T
MWF.....2:00pm- 6:00pm (ARC 0101) LAB

ARCH601 Architecture Studio VI; Grade Method: REG/AUD; ARCH majors only. 6 credits
0101 MWF.....2:00pm- 6:00pm (ARC 1101) Lewis, R
MWF.....2:00pm- 2:50pm (ARC 0101) LAB

ARCH674 (PermReq) Seminar in Regionalism; Grade Method: REG/AUD; 3 credits
0101 M.....9:00am-11:00am (ARC 1125) Bechhoefer, W
W.....10:00am-10:50am (ARC 1125)

ARCH676 (PermReq) Field Research in Architecture; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Bechhoefer, W

ARCH678 (PermReq) Selected Topics in Architecture; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact S. Sachs for course information. ARCH majors only. 1-6 credits

ARCH678B (PermReq) Selected Topics in Architecture: Turkish Studio; Grade Method: REG/AUD; 3 credits
0101 MWF.....2:00pm- 6:00pm (ARC 0101) Bechhoefer, W
MWF.....2:00pm- 6:00pm (ARC 0101) LAB

ARCH679 (PermReq) Independent Studies in Architecture; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact S. Sachs for information. 1-6 credits

ARCH700 Architecture Studio VII; Grade Method: REG/AUD; ARCH majors only. 6 credits
0101 MWF.....2:00pm- 6:00pm (ARC 1127) Dupuy, K
MWF.....2:00pm- 6:00pm (ARC 0102) LAB

ARCH797 Thesis Proseminar; Grade Method: REG/AUD; ARCH majors only. 3 credits
0101 Time and room to be arranged Schlesinger, B

ARCH799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. ARCH majors only. 1-6 credits

---

AREC Agriculture and Resource Economics (Agriculture)

AREC250 Elements of Agricultural and Resource Economics; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (ARM 0116) Chambers, R

AREC365 World Hunger, Population, and Food Supplies; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 TuTh.....11:00am-12:15pm (ARC 0204) Foster, P

AREC386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; 1-3 credits
0101 Time and room to be arranged Hueth, D

AREC387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; 1-3 credits
0101 Time and room to be arranged Hueth, D

AREC399 Special Problems; Grade Method: REG/P-F/AUD; 1-2 credits
0101 Time and room to be arranged Leathers, H

AREC407 Agricultural Finance; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (SYM 2109) Leathers, H

AREC414 Agricultural Business Management; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....3:30pm- 4:45pm (SYM 2109) Cain, J

AREC432 Introduction to Natural Resources Policy; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....3:00pm- 5:40pm (SYM 2109) Gibson Jr., G

AREC433 Food and Agricultural Policy; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 MWF.....9:00am- 9:50am (SYM 2109) Brown, E

AREC445 World Agricultural Development and the Quality of Life; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (SYM 2109) Foster, P

AREC453 Natural Resources and Public Policy; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 TuTh.....9:30am-10:45am (SYM 1308) Strand Jr., I

AREC489G Special Topics in Agricultural and Resources Economics: Commodity Futures and Options; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (SYM 2109) Gardner, B

AREC689E Special Topics in Agricultural and Resource Economics: Optimization in Agricultural and Resource Economics; Grade Method: REG/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (SYM 1308) Hueth, D

AREC699 (PermReq) Special Problems in Agricultural and Resource Economics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-2 credits

AREC799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

AREC806 Economics of Agricultural Production; Grade Method: REG/AUD; 3 credits
0101 MW.....3:00pm- 4:15pm (HZF 1106) Leathers, H

AREC832 Agricultural Price and Income Policy; Grade Method: REG/AUD; 3 credits
0101 TuTh.....8:00am- 9:15am (SYM 2109) Gardner, B

AREC844 International Agriculture Trade; Grade Method: REG/AUD; 3 credits
0101 TuTh.....3:30pm- 4:45pm (HZF 1108) Chambers, R

AREC852 Advanced Resource Economics; Grade Method: REG/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (SYM 2109) Just, R

AREC899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

ARHU Arts and Humanities (Arts and Humanities)

ARHU308B Critical Eras: An Interdisciplinary View: An Exploration of Interdisciplinary Exploration of Scandinavian Civilization; Grade Method: REG; 3 credits
0101 MW.....11:00am-12:15pm (KEY 0126) Olson, K

ARHU386 Field Work; Grade Method: REG/P-F/AUD; 1-3 credits
0101 Time and room to be arranged DiPaolo, T

ARHU387 Field Work Analysis; Grade Method: REG/P-F/AUD; 1-3 credits
0101 Time and room to be arranged DiPaolo, T

ARSC Air Science

ARSC100 The Air Force Today I; Grade Method: REG; An elective but required for freshmen desiring the four-year AFROTC program. The course consists of one lecture period and one corps training period (lab) each week. All cadets must attend convocation on 6 and 8 Sep from 0800-0850, Room 0135 Armory. The rest of the semester, cadets will meet at 0800 on Tuesdays or Thursdays for lab. Only cadets with class conflict at 0800 may attend the 0700 lab with approval of instuctor. 1 credit
0101 Tu.....11:00am-11:50am (COL 3111) Hughes, P
Tu.....8:00am- 8:50am (ARM 1122) LAB
0102 Tu.....10:00am-10:50am (COL 3111) Hughes, P
Tu.....8:00am- 8:50am (ARM 1122) LAB
0103 Th.....10:00am-10:50am (COL 3111) Hughes, P
Th.....8:00am- 8:50am (ARM 1122) LAB
0104 Th.....11:00am-11:50am (COL 3111) Hughes, P
Th.....8:00am- 8:50am (ARM 1122) LAB
0111 Tu.....11:00am-11:50am (COL 3111) Hughes, P
Th.....7:00am- 7:50am (ARM 1122) LAB
0112 Tu.....10:00am-10:50am (COL 3111) Hughes, P
Th.....7:00am- 7:50am (ARM 1122) LAB
0113 Th.....10:00am-10:50am (COL 3111) Hughes, P
Th.....7:00am- 7:50am (ARM 1122) LAB
0114 Th.....11:00am-11:50am (COL 3111) Hughes, P
Th.....7:00am- 7:50am (ARM 1122) LAB

ARSC110 Fundamentals of Flying; Grade Method: REG; This course is an elective but designed for AFROTC juniors slated for Air Force undergraduate pilot training. This course is a lower level elective open to any freshman or sophomore. 1 credit
0101 W.....10:00am-10:50am (COL 3110) Miller, R

ARSC200 The Development of Air Power I; Grade Method: REG; An elective, but required for sophomores desiring the four-year AFROTC Program. The course consists of one lecture period and one corps training period (lab) each week. All cadets must attend convocation on 6 and 8 Sep from 0800-0850, Room 0135 Armory. The rest of the semester, cadets will meet at 0800 on Tuesdays or Thursdays for lab. Only cadets with class conflicts at 0800 may attend the 0700 lab with approval of instructor. 1 credit
0101 Tu.....10:00am-10:50am (COL 3112) Gillespie, R
Tu.....8:00am- 8:50am (ARM 1122) LAB
0102 Tu.....11:00am-11:50am (COL 3112) Gillespie, R
Tu.....8:00am- 8:50am (ARM 1122) LAB
0103 Th.....10:00am-10:50am (COL 3112) Gillespie, R
Th.....8:00am- 8:50am (ARM 1122) LAB
0104 Th.....11:00am-11:50am (COL 3112) Gillespie, R
Th.....8:00am- 8:50am (ARM 1122) LAB
0111 Tu.....10:00am-10:50am (COL 3112) Gillespie, R
Th.....7:00am- 7:50am (ARM 1122) LAB
0112 Tu.....11:00am-11:50am (COL 3112) Gillespie, R
Th.....7:00am- 7:50am (ARM 1122) LAB
0113 Th.....10:00am-10:50am (COL 3112) Gillespie, R
Th.....7:00am- 7:50am (ARM 1122) LAB
0114 Th.....11:00am-11:50am (COL 3112) Gillespie, R
Th.....7:00am- 7:50am (ARM 1122) LAB

ARSC205 (PermReq) The U.S. Air Force and Air Power; Grade Method: REG; This course is only open to AFROTC 2-year cadets. 4 credits
0101 Time and room to be arranged Fields, C

ARSC310 Management and Leadership I; Grade Method: REG; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Consists of 3 lecture hours and one corps training (lab) period each week. Required for all juniors in AFROTC. All cadets must attend convocation on Sept 6 and 8 from 0800 - 0850, Room 0135 Armory. The rest of the semester, cadets will meet at 0800 on Tuesdays or Thursdays for lab. Only cadets with class conflicts at 0800 may attend the 0700 lab with approval of instructor. 3 credits

0101 TuTh.....12:30pm- 1:45pm (COL 3114) Miller, R
Th.....8:00am- 8:50am (COL 3109) LAB
0102 TuTh.....2:00pm- 3:15pm (COL 3110) Fields, C
Th.....8:00am- 8:50am (COL 3109) LAB
0104 Th.....9:00am-11:30am (COL 3114) Fields, C
Th.....8:00am- 8:50am (COL 3109) LAB
0111 TuTh.....12:30pm- 1:45pm (COL 3114) Miller, R
Th.....7:00am- 7:50am (COL 3109) LAB
0112 TuTh.....2:00pm- 3:15pm (COL 3110) Fields, C
Th.....7:00pm- 7:50pm (COL 3109) LAB
0114 Th.....9:00am-11:30am (COL 3114) Fields, C
Th.....7:00am- 7:50am (COL 3109) LAB

ARSC320 National Security Forces in Contemporary American Society I; Grade Method: REG; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Consists of 3 lecture hours and one corps training (lab) period each week. Required course for all seniors in AFROTC and open to all university students (without lab) as an elective. All cadets must attend convocation on Sept 6 and 8 from 0800-0850, Room 0135 Armory. The rest of the semester, cadets will meet at 0800 on Tuesdays or Thursdays for lab. Only cadets with class conflicts at 0800 may attend the 0700 lab with approval of instructor. — 3 credits
0101 TuTh.....1:00pm- 2:15pm (COL 3111) Meyer, K
Th.....8:00am- 8:50am (COL 3109) LAB
0104 Th.....9:00am-11:30am (COL 3121) Meyer, K
Th.....8:00am- 8:50am (COL 3109) LAB
0111 TuTh.....1:00pm- 2:15pm (COL 3111) Meyer, K
Th.....7:00am- 7:50am (COL 3109) LAB
0114 Th.....9:00am-11:30am (COL 3121) Meyer, K
Th.....7:00am- 7:50am (COL 3109) LAB

ARTH Art History (Arts and Humanities)

ARTH100 Introduction to Art; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits
0101 MWF.....9:00am- 9:50am (ASY 2203) Peters-Campbell
0201 MWF.....1:00pm- 1:50pm (ASY 1213) Peters-Campbell
0301 TuTh.....3:30pm- 4:45pm (ASY 2203) STAFF
0401 TuTh.....9:30am-10:45am (ASY 2309) Burnham, J

ARTH260 History of Art; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits
0101 MWF.....11:00am-11:50am (ASY 2203) Venit, M
0201 MWF.....9:00am- 9:50am (ASY 2309) STAFF
0301 TuTh.....11:00am-12:15pm (ASY 2203) STAFF

ARTH261 History of Art; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits
0101 TuTh.....9:30am-10:45am (ASY 1213) Pressly, W
0201 MWF.....10:00am-10:50am (ASY 2203) Caswell, J

ARTH262 Arts of Asia; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits
0101 TuTh.....3:30pm- 4:45pm (ASY 1213) STAFF

ARTH284 Introduction to African Art; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits
0101 TuTh.....11:00am-12:15pm (ASY 1213) Eyo, E

ARTH321 Masterpieces of Painting; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (ASY 2203) STAFF

ARTH331 Masterpieces of Sculpture; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....3:30pm- 4:45pm (ASY 2309) Hargrove, J

ARTH386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ARTH387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ARTH401 Greek and Roman Painting; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (ASY 3215) Venit, M

ARTH403 Roman Art and Archaeology; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....1:00pm- 1:50pm (ASY 3215) Venit, M

ARTH405 Japanese Painting; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (ASY 3219) STAFF

ARTH412 Medieval Art; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (ASY 3211) Denny, D

ARTH416 Northern European Painting in the 15th Century; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (ASY 3215) Farquhar, J

ARTH424 High Renaissance Art in Italy; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (ASY 3211) Rearick, W

ARTH440 19th Century European Art; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (ASY 3211) Hargrove, J

ARTH450 20th Century Art; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (ASY 2309) Withers, J

ARTH462 African Art; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....3:30pm- 4:45pm (ASY 3211) Eyo, E

ARTH470 Latin American Art; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:45pm (ASY 3215) Miller, A

ARTH473 Arts of Black Americans I; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (ASY 4306) Driskell, D

ARTH476 History of American Art to 1900; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....11:00am-11:50am (ASY 3211) Peters-Campbell

ARTH489A Special Topics in Art History: British Painting - Hogarth to PreRaphaelites; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (ASY 3215) Pressly, W

ARTH489B Special Topics in Art History: Japanese Art; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (ASY 3215) STAFF

ARTH489C Special Topics in Art History; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (ASY 3211) Burnham, J

ARTH489D Special Topics in Art History; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (ASY 3219) Rearick, W

ARTH489E Special Topics in Art History: Feminist Perspectives on Women in Art; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (ASY 3219) Withers, J

ARTH498 (PermReq) Directed Studies in Art History I; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. — 2-3 credits

ARTH499 (PermReq) Directed Studies in Art History II; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. — 2-3 credits

ARTH692 Methods of Art History; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:30pm (ASY 4304) Farquhar, J

ARTH698 (PermReq) Directed Graduate Studies in Art History; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. — 3 credits

ARTH699A Special Topics in Art History; Grade Method: REG/AUD; — 3 credits
0101 M.....3:30pm- 6:00pm (ASY 4304) Wheelock Jr., A

ARTH699B Special Topics in Art History: Seminar in North Renaissance Art; Grade Method: REG/AUD; — 3 credits
0101 Tu.....3:30pm- 6:00pm (ASY 4306) Caswell, J

ARTH699C Special Topics in Art History: Renaissance Sculpture; Grade Method: REG/AUD; Meets at the National Gallery of Art. — 3 credits
0101 F.....2:00pm- 4:30pm (Arranged) Lewis, D

ARTH699D Special Topics in Art History: Seminar on Conservation; Grade Method: REG/AUD; — 3 credits
0101 Time and room to be arranged Wheelock Jr., A

ARTH712 Seminar in Medieval Art; Grade Method: REG/AUD; — 3 credits
0101 Th.....3:30pm- 6:00pm (ASY 4306) Denny, D

ARTH770 Seminar in Latin-American Art; Grade Method: REG/AUD; — 3 credits
0101 Th.....3:30pm- 6:00pm (ASY 4304) Miller, A

ARTH798 (PermReq) Directed Graduate Studies in Art History; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. — 3 credits

ARTH799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. — 1-6 credits

ARTH899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

ARTS Art Studio (Arts and Humanities)

ARTS100 Elements of Design; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....12:30pm- 2:30pm (ASY 2314) Demonte, C
0201 MW.....12:30pm- 2:30pm (ASY 2318) Demonte, C
0301 MW.....3:00pm- 5:00pm (ASY 2314) Krushenick, N
0401 MW.....3:00pm- 5:00pm (ASY 2318) Krushenick, N
0501 TuTh.....9:30am-11:30am (ASY 2314) STAFF
0601 TuTh.....9:30am-11:30am (ASY 2318) STAFF
0701 TuTh.....12:30pm- 2:30pm (ASY 2314) Klank, R
0801 TuTh.....12:30pm- 2:30pm (ASY 2318) Klank, R

ARTS110 Elements of Drawing; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....9:00am-11:30am (ASY 2317) LAB Morrison, K
0201 MW.....9:00am-11:30am (ASY 2321) LAB Morrison, K
0301 MW.....12:30pm- 3:00pm (ASY 2317) LAB Richardson, W
0401 MW.....12:30pm- 3:00pm (ASY 2321) LAB Richardson, W
0701 TuTh.....9:00am-11:30am (ASY 2317) LAB STAFF
0801 TuTh.....9:00am-11:30am (ASY 2321) LAB STAFF
0901 TuTh.....12:00pm- 2:30pm (ASY 2317) LAB Craig, P
1001 TuTh.....12:00pm- 2:30pm (ASY 2321) LAB Craig, P
1101 TuTh.....3:00pm- 5:30pm (ASY 2317) LAB STAFF
1201 TuTh.....3:00pm- 5:30pm (ASY 2321) LAB STAFF
1301 TuTh.....9:00am-11:30am (ASY 2315) LAB Niese, H

ARTS208A Design: Design with a Camera; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:00am-11:30am (ASY 3304) LAB Gossage, J
0201 TuTh.....12:30pm- 3:00pm (ASY 3304) LAB Gossage, J

ARTS208C Design: Figure Modeling; Grade Method: REG/P-F/AUD; Repeatable for total of 6 credits if content differs. — 3 credits
0101 TuTh.....9:00am-11:30am (ASY 1310) LAB Blotner, P

ARTS208D Design: Papermaking; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....9:00am-11:30am (ASY 3304) LAB Pogue, S

ARTS210 Intermediate Drawing; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....12:30pm- 3:00pm (ASY 2315) LAB Gelman, E
0201 TuTh.....12:30pm- 3:00pm (ASY 2315) LAB Driskell, D
0301 TuTh.....9:00am-11:30am (ASY 2322) LAB STAFF

ARTS320 Elements of Painting; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....12:30pm- 3:00pm (ASY 3312) LAB Krushenick, N
0201 MW.....3:00pm- 5:30pm (ASY 3312) LAB Gelman, E
0301 MW.....3:00pm- 5:30pm (ASY 3316) LAB Gelman, E
0401 TuTh.....9:00am-11:30am (ASY 3318) LAB Klank, R
0501 TuTh.....12:30pm- 3:00pm (ASY 3318) LAB Niese, H
0601 TuTh.....12:30pm- 3:00pm (ASY 3322) LAB Niese, H

ARTS334 Elements of Sculpture: Construction; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 3:00pm (ASY 1311) LAB Blotner, P
0201 TuTh.....3:00pm- 5:30pm (ASY 1314) LAB Ruppert, J

ARTS335 Elements of Sculpture: Carving; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....9:00am-11:30am (ASY 1314) LAB Sanborn, J
0201 MW.....12:30pm- 3:00pm (ASY 1314) LAB Sanborn, J

ARTS340 Elements of Printmaking: Intaglio; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....12:30pm- 3:00pm (ASY 1317) LAB Pogue, S
0201 TuTh.....12:30pm- 3:00pm (ASY 1317) LAB Forbes Jr., J
0301 TuTh.....3:00pm- 5:30pm (ASY 1317) LAB STAFF

ARTS386 Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ARTS387 Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ARTS418 Drawing; Grade Method: REG/P-F/AUD; Repeatable for up to 12 credits. — 3 credits
0101 TuTh.....12:30pm- 3:00pm (ASY 2322) LAB STAFF
0201 TuTh.....3:00pm- 5:30pm (ASY 2322) LAB STAFF

ARTS418A Drawing: Advanced Drawing: The Human Being; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....12:30pm- 3:00pm (ASY 2322) LAB Truitt, A

ARTS428 Painting: Advanced Painting; Grade Method: REG/P-F/AUD; Repeatable for up to 12 credits. — 3 credits
0101 MW.....3:00pm- 5:30pm (ASY 3322) LAB Richardson, W
0201 TuTh.....9:00am-11:30am (ASY 3322) LAB Klank, R

ARTS428A Painting: Advanced Acrylic Painting; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....12:30pm- 3:00pm (ASY 3316) LAB Krushenick, N

ARTS428B Painting: Advanced Oil Painting; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:00am-11:30am (ASY 3316) LAB Craig, P

ARTS438A Sculpture: Bronze Casting; Grade Method: REG/P-F/AUD; Repeatable for up to 12 credits. — 3 credits
0101 TuTh.....12:30pm- 3:00pm (ASY 1310) Ruppert, J

ARTS438B Sculpture: Stone Sculpture; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....3:00pm- 5:30pm (ASY 1314) Sanborn, J

ARTS438C Sculpture: Steel Sculpture; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....3:00pm- 5:30pm (ASY 1314) LAB Ruppert, J

ARTS448A Printmaking: Advanced Intaglio; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....12:30pm- 3:00pm (ASY 1317) LAB Pogue, S
0201 TuTh.....12:30pm- 3:00pm (ASY 1317) LAB Forbes Jr., J
0301 TuTh.....3:00pm- 5:30pm (ASY 1317) LAB STAFF

ARTS468 Advanced Seminar in Studio Art: Interrelation of Student Work and Contemporary Art; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....9:00am-11:30am (ASY 2322) LAB Truitt, A

ARTS489A Special Problems in Studio Arts: Papermaking; Grade Method: REG/P-F/AUD; Advanced students only. — 3 credits
0101 MW.....9:00am-11:30am (ASY 3304) LAB Pogue, S

ARTS489C Special Problems in Studio Arts: Figure Modeling; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:00am-11:30am (ASY 1310) LAB Blotner, P

ARTS489D Special Problems in Studio Arts: Artist's Survival Seminar; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....3:00pm- 5:30pm (ASY 2315) DIS Demonte, C

ARTS489E Special Problems in Studio Arts: Environments; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....3:00pm- 5:30pm (ASY 1311) LAB Sanborn, J

ARTS489F (PermReq) Special Problems in Studio Arts: Advanced Photography; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....3:00pm- 5:30pm (ASY 3304) Gossage, J

ARTS498 (PermReq) Directed Studies in Studio Art; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. Not available as an elective. — 2-3 credits

ARTS610 (PermReq) Drawing; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

ARTS620 (PermReq) Painting; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

ARTS624 (PermReq) Painting; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

ARTS626 (PermReq) Painting; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

ARTS627 (PermReq) Painting; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

ARTS634 (PermReq) Experimentation in Sculpture; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

ARTS646 Printmaking; Grade Method: REG/AUD; — 3 credits
0501 Time and room to be arranged Forbes Jr., J
1101 Time and room to be arranged Lapinski, †
2101 Time and room to be arranged Pogue, S

ARTS689A Special Problems in Studio Art: Interrelation of Student Work and Contemporary Art; Grade Method: REG/AUD; — 3 credits
0101 MW.....9:00am-11:30am (ASY 2322) Truitt, A

ARTS689B Special Problems in Studio Art: Artist's Survival Seminar; Grade Method: REG/AUD; — 3 credits
0101 MW.....3:00pm- 5:30pm (ASY 2315) Demonte, C

ARTS698 (PermReq) Directed Graduate Studies in Studio Art; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. — 3 credits

ARTS798 (PermReq) Directed Graduate Studies in Studio Art; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. — 3 credits

ARTS799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

---

ASTR Astronomy (Comp, Math, & Phys Sci)

ASTR100 Introduction to Astronomy; Grade Method: REG/P-F/AUD; Course meets University Studies Program Distributive Studies Non-Lab Science and Mathematics Requirement. If ASTR 110 or 111 are taken at the same or at a later time, the combination may be counted as a lab science requirement. Discussion sections do not meet the first week. Attend lecture before coming to discussion section. Section 0101 has no discussion section. — 3 credits
0101 TuTh.....11:00am-12:15pm (PHY 1410) Heckman, T
TuTh.....11:00am-12:15pm (PHY 1412)
0201 MWF.....9:00am- 9:50am (PHY 1412) Wentzel, D
M.....12:00pm-12:50pm (CSS 1113) DIS
0202 MWF.....9:00am- 9:50am (PHY 1412) Wentzel, D
M.....2:00pm- 2:50pm (CSS 1113) DIS
0203 MWF.....9:00am- 9:50am (PHY 1412) Wentzel, D
M.....3:00pm- 3:50pm (CSS 1113) DIS
0204 MWF.....9:00am- 9:50am (PHY 1412) Wentzel, D
W.....2:00pm- 2:50pm (CSS 1113) DIS
0205 MWF.....9:00am- 9:50am (PHY 1412) Wentzel, D
W.....12:00pm-12:50pm (CSS 1113) DIS
0206 MWF.....9:00am- 9:50am (PHY 1412) Wentzel, D
W.....1:00pm- 1:50pm (CSS 1113) DIS
0207 MWF.....9:00am- 9:50am (PHY 1412) Wentzel, D
Th.....3:30pm- 4:20pm (CSS 1113) DIS
0208 MWF.....9:00am- 9:50am (PHY 1412) Wentzel, D
F.....12:00pm-12:50pm (CSS 1113) DIS
0301 TuTh.....9:30am-10:45am (PHY 1412) Trimble, V
M.....9:00am- 9:50am (CSS 1113) DIS
0302 TuTh.....9:30am-10:45am (PHY 1412) Trimble, V
M.....1:00pm- 1:50pm (CSS 1113) DIS
0303 TuTh.....9:30am-10:45am (PHY 1412) Trimble, V
Tu.....3:30pm- 4:20pm (CSS 1113) DIS
0304 TuTh.....9:30am-10:45am (PHY 1412) Trimble, V
W.....9:00am- 9:50am (CSS 1113) DIS
0305 TuTh.....9:30am-10:45am (PHY 1412) Trimble, V
W.....3:00pm- 3:50pm (CSS 1113) DIS
0306 TuTh.....9:30am-10:45am (PHY 1412) Trimble, V
F.....9:00am- 9:50am (CSS 1113) DIS
0307 TuTh.....9:30am-10:45am (PHY 1412) Trimble, V
F.....1:00pm- 1:50pm (CSS 1113) DIS
0308 TuTh.....9:30am-10:45am (PHY 1412) Trimble, V
F.....2:00pm- 2:50pm (CSS 1113) DIS

ASTR110 Astronomy Laboratory; Grade Method: REG/P-F/AUD; Previous or concurrent enrollment in ASTR 100 is required. — 1 credit
0101 M.....8:00am-10:00am (CSS 1109) LAB STAFF
0201 M.....10:30am-12:30pm (CSS 1109) LAB STAFF
0301 M.....1:00pm- 3:00pm (CSS 1109) LAB STAFF
0401 M.....3:30pm- 5:30pm (CSS 1109) LAB STAFF
0501 M.....6:00pm- 8:00pm (CSS 1109) LAB STAFF
0601 Tu.....8:00am-10:00am (CSS 1109) LAB STAFF
0701 Tu.....10:30am-12:30pm (CSS 1109) LAB STAFF
0801 Tu.....1:00pm- 3:00pm (CSS 1109) LAB STAFF
0901 Tu.....3:30pm- 5:30pm (CSS 1109) LAB STAFF
1001 Tu.....6:00pm- 8:00pm (CSS 1109) LAB STAFF
1101 W.....8:00am-10:00am (CSS 1109) LAB STAFF
1201 W.....10:30am-12:30pm (CSS 1109) LAB STAFF
1301 W.....1:00pm- 3:00pm (CSS 1109) LAB STAFF
1401 W.....3:30pm- 5:30pm (CSS 1109) LAB STAFF
1501 W.....6:00pm- 8:00pm (CSS 1109) LAB STAFF
1601 Th.....8:00am-10:00am (CSS 1109) LAB STAFF
1701 Th.....10:30am-12:30pm (CSS 1109) LAB STAFF
1801 Th.....1:00pm- 3:00pm (CSS 1109) LAB STAFF
1901 Th.....3:30pm- 5:30pm (CSS 1109) LAB STAFF
2001 Th.....6:00pm- 8:00pm (CSS 1109) LAB STAFF
2101 F.....8:00am-10:00am (CSS 1109) LAB STAFF
2201 F.....10:30am-12:30pm (CSS 1109) LAB STAFF
2301 F.....1:00pm- 3:00pm (CSS 1109) LAB STAFF
2401 F.....3:30pm- 5:30pm (CSS 1109) LAB STAFF

ASTR111 Observational Astronomy Laboratory; Grade Method: REG/P-F/AUD; Previous or concurrent enrollment in ASTR 100 is required. First meeting is in CSS 0201 during the first week of classes. — 1 credit
0101 Tu.....7:30pm- 9:30pm (ALB 1101) LAB STAFF
0201 W.....7:30pm- 9:30pm (ALB 1101) LAB STAFF

ASTR200 Introductory Astronomy and Astrophysics; Grade Method: REG/P-F/AUD; — 3 credits

0101 TuTh.....12:30pm- 1:45pm (CSS 1113) STAFF

ASTR210 Practical Astronomy; Grade Method: REG/P-F/AUD; Credit according to work done. Prerequisite: ASTR 181 or 350. 2-3 credits
0101 TuTh.....12:30pm- 2:30pm (CSS 0201) Zipoy, D

ASTR288 (PermReq) Special Projects in Astronomy; Grade Method: REG/P-F; Individual Instruction course: contact department or instructor to obtain section number. A faculty sponsor must be found by the students wishing to enroll in this course. 1-3 credits

ASTR300 Stars and Stellar Systems; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: ASTR 100 or consent of instructor. Designed primarily for non-physical science majors. Open to juniors and seniors only. 3 credits
0101 MWF.....10:00am-10:50am (CSS 1113) Rose, W

ASTR330 Solar-System Astronomy; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: ASTR 100 or consent of instructor. Designed primarily for non-physical science majors. Open to juniors and seniors only. 3 credits
0101 TuTh.....11:00am-12:15pm (CSS 1113) Theison, D

ASTR340 Galaxies and the Universe; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: ASTR 100 or consent of instructor. Designed primarily for non-physical science majors. Open to juniors and seniors only. 3 credits
0101 TuTh.....9:30am-10:45am (CSS 1113) Kundu, M

ASTR350 Astronomy and Astrophysics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; For science majors. 4 credits
0101 TuTh.....9:30am-10:45am (CSS 0201) Papadopoulos, K
W.....12:00pm-12:50pm (CSS 0201) DIS

ASTR380 Life in the Universe; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: ASTR 100 or consent of instructor. Designed primarily for non-science majors. Open only to juniors and seniors. 3 credits
0101 MWF.....11:00am-11:50am (CSS 1113) Matthews, T
0201 TuTh.....2:00pm- 3:15pm (CSS 1113) Matthews, T

ASTR399 Honors Seminar: Honors Seminar; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-16 credits

ASTR400 Stellar Astrophysics; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (CSS 0201) Eichler, D

ASTR410 Observational Astronomy I; Grade Method: REG/P-F/AUD; This is a lecture course on instruments and techniques. Taught by A.S Wilson and D.M Zipoy. 3 credits
0101 TuTh.....11:00am-12:15pm (CSS 0201) Wilson, A

ASTR498 (PermReq) Special Problems in Astronomy; Grade Method: REG/P-F; Individual Instruction course: contact department or instructor to obtain section number. This course is only open to those who make prior arrangements with a member of the astronomy faculty. 1-6 credits

ASTR610 Astronomical Instrumentation and Techniques; Grade Method: REG/AUD; 3 credits
0101 MW.....2:00pm- 3:15pm (CSS 0201) Wilson, A

ASTR670 Interstellar Matter; Grade Method: REG/AUD; 3 credits
0101 TuTh.....3:00pm- 4:15pm (CSS 0201) Harrington, J

ASTR699 (PermReq) Special Problems in Advanced Astronomy; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ASTR788 (PermReq) Selected Topics in Modern Astronomy; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

ASTR799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ASTR899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

BCHM Biochemistry (Life Sciences)

BCHM261 Elements of Biochemistry; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....8:00am- 9:15am (CHM 1402) Julin, D

BCHM361 Origins of Biochemistry; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 TuTh.....3:00pm- 4:15pm (CHM 0115) Holmlund, C

BCHM461 Biochemistry I; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (CHM 1407) Dunaway-Mariano

BCHM462 Biochemistry II; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (CHM 1402) Sampugna, J

BCHM463 Biochemistry Laboratory I; Grade Method: REG/P-F/AUD; 2 credits
0101 MW.....1:00pm- 4:00pm (CHM 2225) LAB Sampugna, J
0102 TuTh.....1:00pm- 4:00pm (CHM 2225) LAB Sampugna, J

BCHM668 Special Problems in Biochemistry; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Registrants in this course must have prior approval from Dr. Gerlt. 2-4 credits

BCHM669 Special Topics in Biochemistry: Biological Macromolecules; Grade Method: REG/AUD; 2 credits
0101 W.....4:00pm- 5:40pm (CHM 0128) Hansen, J

BCHM671 Protein Chemistry and Enzymic Catalysis; Grade Method: REG/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (CHM 2201) Gerlt, J

BCHM672 Biological Membranes; Grade Method: REG/AUD; 3 credits
0101 TuTh.....8:00am- 9:15am (CHM 2201) Brusilow, W

BCHM699 Special Problems in Biochemistry; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Open only to non-thesis M.S. degree candidates. 1-6 credits

BCHM799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

BCHM898A Seminar: Biochemistry; Grade Method: REG/AUD; 1 credit
0101 Tu.....11:00am-11:50am (CHM 0128) Brusilow, W

BCHM898C Seminar: Lipid Metabolism; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Sampugna, J

BCHM898D Seminar: Current Topics in Steroids and Other Selected Natural Products; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Holmlund, C

BCHM898E Seminar: Xenobiotic Metabolism; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Armstrong, R

BCHM898F Seminar: Spores; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Hansen, J

BCHM898G Seminar: Enzymology; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Dunaway-Mariano

BCHM898I Seminar: Microbial Chemistry; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Brusilow, W

BCHM898J Seminar: Mechanisms of Biochemical Reactions; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Gerlt, J

BCHM899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

BIOL Biology (Life Sciences)

Note: Additional biology courses may be found under these course readings - BOTN, ENTM, MICB and ZOOL.

BIOL101 Concepts of Biology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies non-lab science and mathematics requirement. If taken with BIOL 102, course may be counted as lab science requirement. 3 credits
0101 MWF.....12:00pm-12:50pm (HJP 0226) Motta, J

BIOL102 Laboratory in Biology; Grade Method: REG/P-F/AUD; 1 credit
1003 Tu.....9:00am-12:00pm (HJP 2103) LAB STAFF
1004 Tu.....1:00pm- 4:00pm (HJP 2103) LAB STAFF
1007 Th.....9:00am-12:00pm (HJP 2103) LAB STAFF
1008 Th.....1:00pm- 4:00pm (HJP 2103) LAB STAFF

BIOL105 Principles of Biology I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 4 credits
0101 MWF.....11:00am-11:50am (ZOP 1240) Berg, L
M.....12:00pm- 3:00pm (HJP 2104) LAB Berg, L
0102 MWF.....11:00am-11:50am (ZOP 1240) Berg, L
M.....12:00pm- 3:00pm (ZOP 0249) LAB Berg, L
0103 MWF.....11:00am-11:50am (ZOP 1240) Berg, L
M.....3:00pm- 6:00pm (HJP 2104) LAB Berg, L
0105 MWF.....11:00am-11:50am (ZOP 1240) Berg, L
Tu.....9:00am-12:00pm (HJP 2104) LAB Berg, L
0106 MWF.....11:00am-11:50am (ZOP 1240) Berg, L
Tu.....9:00am-12:00pm (ZOP 0249) LAB Berg, L
0107 MWF.....11:00am-11:50am (ZOP 1240) Berg, L
Tu.....12:00pm- 3:00pm (HJP 2104) LAB Berg, L
0108 MWF.....11:00am-11:50am (ZOP 1240) Berg, L
Tu.....12:00pm- 3:00pm (ZOP 0249) LAB Berg, L
0110 MWF.....11:00am-11:50am (ZOP 1240) Berg, L
Tu.....3:00pm- 6:00pm (ZOP 0249) LAB Berg, L
0111 MWF.....11:00am-11:50am (ZOP 1240) Berg, L
W.....8:00am-11:00am (HJP 2104) LAB Berg, L
0113 MWF.....11:00am-11:50am (ZOP 1240) Berg, L
W.....12:00pm- 3:00pm (HJP 2104) LAB Berg, L
0114 MWF.....11:00am-11:50am (ZOP 1240) Berg, L
W.....12:00pm- 3:00pm (ZOP 0249) LAB Berg, L
0115 MWF.....11:00am-11:50am (ZOP 1240) Berg, L
W.....3:00pm- 6:00pm (HJP 2104) LAB Berg, L
0116 MWF.....11:00am-11:50am (ZOP 1240) Berg, L
Th.....9:00am-12:00pm (HJP 2104) LAB Berg, L
0117 MWF.....11:00am-11:50am (ZOP 1240) Berg, L
Th.....9:00am-12:00pm (ZOP 0249) LAB Berg, L
0118 MWF.....11:00am-11:50am (ZOP 1240) Berg, L
Th.....12:00pm- 3:00pm (HJP 2104) LAB Berg, L
0119 MWF.....11:00am-11:50am (ZOP 1240) Berg, L
Th.....12:00pm- 3:00pm (ZOP 0249) LAB Berg, L
0121 MWF.....11:00am-11:50am (ZOP 1240) Berg, L
Th.....3:00pm- 6:00pm (ZOP 0249) LAB Berg, L
0124 MWF.....11:00am-11:50am (ZOP 1240) Berg, L
F.....12:00pm- 3:00pm (ZOP 0249) LAB Berg, L

BIOL398 (PermReq) Honors Research Problems in Biology; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Contact L. Berg (1225 H.J.Patterson) to obtain section number. 1-3 credits

BIOL399 (PermReq) Honors Seminar in Biology; Grade Method: REG; 1 credit
0101 F.....10:00am-10:50am (HJP 1229) Berg, L

BIOM Biometrics (Agriculture)

BIOM401 Biostatistics I; Grade Method: REG/P-F/AUD; 4 credits
0101 TuTh.....12:30pm- 1:45pm (CHE 2110) Douglass, L
Tu.....3:00pm- 3:50pm (CHE 2136) DIS
0102 TuTh.....12:30pm- 1:45pm (CHE 2110) Douglass, L
Tu.....4:00pm- 4:50pm (CHE 2136) DIS
0103 TuTh.....12:30pm- 1:45pm (CHE 2110) Douglass, L
W.....12:00pm-12:50pm (CHM 0122) DIS

BIOM405 Computer Applications in Biometrics; Grade Method: REG/P-F/AUD; 1 credit
0101 Th.....5:00pm- 7:00pm (ANS 1109) LAB Johnson, A

BIOM603 Biostatistics III; Grade Method: REG/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (CHE 2136) Russek-Cohen, E

BIOM604 Linear Models Computer Laboratory; Grade Method: REG/AUD; 1 credit
0101 Th.....9:00am-11:00am (EGR 1124) LAB Russek-Cohen, E

BIOM688A (PermReq) Topics in Biometrics: Consulting Experience in Biometrics; Grade Method: REG/AUD; 1-3 credits
0101 Time and room to be arranged Douglass, L

BIOM688B Topics in Biometrics: Applied Multivariate Statistics; Grade Method: REG/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (CHE 2118) Russek-Cohen, E

BMGT Business and Management (Business and Management)

BMGT110 Introduction to Business and Management; Grade Method: REG/P-F/AUD; Not open to business majors with 66 or more hours completed. 3 credits
0101 TuTh.....9:30am-10:45am (TYD 0130) Simon, J

BMGT110L (PermReq) Introduction to Business and Management; Grade Method: REG/P-F; By permission of the Arts and Humanities Dean's Office only. 3 credits
0101 TuTh.....9:30am-10:45am (TAA 1122) Nickels, W

BMGT220 Principles of Accounting I; Grade Method: REG; Prerequisite: sophomore standing. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. 3 credits
0101 MW.....5:00pm- 6:15pm (TYD 0130) STAFF
Th.....9:00am- 9:50am (TAA 1130) DIS
0102 MW.....5:00pm- 6:15pm (TYD 0130) STAFF
Th.....10:00am-10:50am (TAA 1130) DIS
0103 MW.....5:00pm- 6:15pm (TYD 0130) STAFF
Th.....11:00am-11:50am (TAA 1130) DIS
0104 MW.....5:00pm- 6:15pm (TYD 0130) STAFF
Th.....12:00pm-12:50pm (TAA 1130) DIS
0105 MW.....5:00pm- 6:15pm (TYD 0130) STAFF
Th.....1:00pm- 1:50pm (TAA 1130) DIS
0106 MW.....5:00pm- 6:15pm (TYD 0130) STAFF
Th.....2:00pm- 2:50pm (TAA 1130) DIS
0108 MW.....5:00pm- 6:15pm (TYD 0130) STAFF
F.....9:00am- 9:50am (TAA 1130) DIS
0109 MW.....5:00pm- 6:15pm (TYD 0130) STAFF
F.....10:00am-10:50am (TAA 1130) DIS
0110 MW.....5:00pm- 6:15pm (TYD 0130) STAFF
F.....11:00am-11:50am (TAA 1130) DIS
0111 MW.....5:00pm- 6:15pm (TYD 0130) STAFF
F.....1:00pm- 1:50pm (TAA 1130) DIS
0112 MW.....5:00pm- 6:15pm (TYD 0130) STAFF
F.....2:00pm- 2:50pm (TAA 1130) DIS
0201 TuTh.....8:00am- 9:15am (TYD 0130) STAFF
M.....9:00am- 9:50am (TAA 1130) DIS
0202 TuTh.....8:00am- 9:15am (TYD 0130) STAFF
M.....10:00am-10:50am (TAA 1130) DIS
0203 TuTh.....8:00am- 9:15am (TYD 0130) STAFF
M.....11:00am-11:50am (TAA 1130) DIS
0204 TuTh.....8:00am- 9:15am (TYD 0130) STAFF
Tu.....9:00am- 9:50am (TAA 1130) DIS
0205 TuTh.....8:00am- 9:15am (TYD 0130) STAFF
Tu.....10:00am-10:50am (TAA 1130) DIS
0206 TuTh.....8:00am- 9:15am (TYD 0130) STAFF
Tu.....11:00am-11:50am (TAA 1130) DIS
0207 TuTh.....8:00am- 9:15am (TYD 0130) STAFF
W.....9:00am- 9:50am (TAA 1130) DIS
0208 TuTh.....8:00am- 9:15am (TYD 0130) STAFF
W.....10:00am-10:50am (TAA 1130) DIS
0209 TuTh.....8:00am- 9:15am (TYD 0130) STAFF
W.....11:00am-11:50am (TAA 1130) DIS
0210 TuTh.....8:00am- 9:15am (TYD 0130) STAFF
Th.....9:00am- 9:50am (HJP 1229) DIS
0211 TuTh.....8:00am- 9:15am (TYD 0130) STAFF
Th.....10:00am-10:50am (EGR 0135) DIS
0212 TuTh.....8:00am- 9:15am (TYD 0130) STAFF
Th.....11:00am-11:50am (CHM 2201) DIS

BMGT221 Principles of Accounting II; Grade Method: REG; Prerequisite: BMGT 220. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. 3 credits
0101 MW.....3:30pm- 4:45pm (TYD 0130) STAFF
M.....12:00pm-12:50pm (TAA 1130) DIS
0102 MW.....3:30pm- 4:45pm (TYD 0130) STAFF
M.....1:00pm- 2:00pm (TAA 1130) DIS
0103 MW.....3:30pm- 4:45pm (TYD 0130) STAFF
M.....2:00pm- 3:00pm (TAA 1130) DIS
0104 MW.....3:30pm- 4:45pm (TYD 0130) STAFF
Tu.....12:00pm-12:50pm (TAA 1130) DIS
0105 MW.....3:30pm- 4:45pm (TYD 0130) STAFF
Tu.....1:00pm- 1:50pm (TAA 1130) DIS
0106 MW.....3:30pm- 4:45pm (TYD 0130) STAFF
Tu.....2:00pm- 2:50pm (TAA 1130) DIS
0107 MW.....3:30pm- 4:45pm (TYD 0130) STAFF
W.....12:00pm-12:50pm (TAA 1130) DIS
0108 MW.....3:30pm- 4:45pm (TYD 0130) STAFF
W.....1:00pm- 1:50pm (TAA 1130) DIS
0109 MW.....3:30pm- 4:45pm (TYD 0130) STAFF
W.....2:00pm- 2:50pm (TAA 1130) DIS
0110 MW.....3:30pm- 4:45pm (TYD 0130) STAFF
Th.....12:00pm-12:50pm (CHM 2201) DIS
0111 MW.....3:30pm- 4:45pm (TYD 0130) STAFF
Th.....1:00pm- 1:50pm (PHY 4220) DIS
0112 MW.....3:30pm- 4:45pm (TYD 0130) STAFF
Th.....2:00pm- 2:50pm (PHY 4220) DIS

BMGT230 Business Statistics; Grade Method: REG; Prerequisite: MATH 220 or consent of instructor. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. Only one of the following courses may be taken for credit: BMGT 230, 231, SOCY 202, PSYC 200, GEOG 305, ECON 421 or EDMS 451. 3 credits
0101 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
M.....8:00am- 8:50am (TYD 1140) DIS
0102 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
W.....8:00am- 8:50am (TYD 1140) DIS
0103 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
F.....8:00am- 8:50am (TYD 1140) DIS
0104 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
M.....8:00am- 8:50am (TYD 2109) DIS
0105 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
W.....8:00am- 9:00am (TYD 2109) DIS
0106 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
F.....8:00am- 8:50am (TYD 2109) DIS
0107 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
M.....9:00am- 9:50am (TYD 1140) DIS
0108 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
W.....9:00am-10:00am (TYD 1140) DIS
0109 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
F.....9:00am- 9:50am (TYD 1140) DIS
0110 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
M.....9:00am- 9:50am (TYD 2109) DIS
0111 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
W.....9:00am- 9:50am (TYD 2109) DIS
0112 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
F.....9:00am- 9:50am (TYD 2109) DIS

BMGT231 Statistical Models For Business; Grade Method: REG; Prerequisite: MATH 141 or consent of instructor. Only one of the following courses may be taken for credit: BMGT 230, 231, SOCY 202, PSYC 200, GEOG 305, ECON 421, or EDMS 451. 3 credits
0101 TuTh.....12:30pm- 1:45pm (TYD 1140) Kotz, S

BMGT301 Introduction to Data Processing; Grade Method: REG; This is a restricted course for BMGT majors, 08380, and 0803H with 53 semester hours completed. All others must have authorization form. 3 credits
0101 TuTh.....8:00am- 8:50am (SHM 2101) Spear, R
F.....9:00am- 9:50am (TYD 1118) DIS
0102 TuTh.....8:00am- 8:50am (SHM 2101) Spear, R
F.....10:00am-10:50am (TYD 1118) DIS
0103 TuTh.....8:00am- 8:50am (SHM 2101) Spear, R
F.....11:00am-11:50am (TYD 1118) DIS
0104 TuTh.....8:00am- 8:50am (SHM 2101) Spear, R
F.....12:00pm-12:50pm (TYD 1118) DIS
0201 MW.....3:30pm- 4:30pm (SHM 2101) Chaires Jr., J
F.....9:00am- 9:50am (TYD 2102) DIS
0202 MW.....3:30pm- 4:30pm (SHM 2101) Chaires Jr., J
F.....10:00am-10:50am (TYD 2102) DIS
0203 MW.....3:30pm- 4:30pm (SHM 2101) Chaires Jr., J
F.....11:00am-11:50am (TYD 2102) DIS
0204 MW.....3:30pm- 4:30pm (SHM 2101) Chaires Jr., J
F.....12:00pm-12:50pm (TYD 2102) DIS

BMGT302 Information Systems Implementation Techniques; Grade Method: REG; Prerequisite: BMGT 301 or permission of instructor. This is a restricted course for BMGT majors and 08380 majors with 68 semester hours completed. All others must have authorization form. 3 credits
0101 TuTh.....9:30am-10:45am (MRH 3418) Spear, R
0201 MW.....2:00pm- 3:15pm (TYD 1102) Chaires Jr., J

BMGT310 Intermediate Accounting I; Grade Method: REG; Prerequisite: BMGT 221. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. This is a restricted course for accounting majors with 53 semester hours completed. All others must have authorization. 3 credits
0101 TuTh.....8:00am- 9:15am (TYD 2108) STAFF
0201 TuTh.....9:30am-10:45am (TYD 2108) STAFF
0301 MWF.....10:00am-10:50am (TYD 2108) STAFF
0401 MWF.....11:00am-11:50am (TYD 2108) STAFF
0501 TuTh.....2:00pm- 3:15pm (TYD 0111) STAFF

BMGT311 Intermediate Accounting II; Grade Method: REG; Prerequisite: BMGT 310. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. This is restricted to accounting majors with 65 semester hours completed. All others must have authorization form. 3 credits
0101 TuTh.....9:30am-10:45am (HZF 1101) STAFF
0201 TuTh.....11:00am-12:15pm (MRH 1304) STAFF
0301 MW.....2:00pm- 3:15pm (HJP 1229) STAFF

BMGT321 Cost Accounting; Grade Method: REG; Prerequisite: BMGT 221. This course is restricted to BMGT majors with 53 semester hours completed. All others must have authorizationse form. 3 credits
0101 TuTh.....11:00am-12:15pm (TYD 2108) STAFF
0201 TuTh.....12:30pm- 1:45pm (TYD 2108) STAFF
0301 MW.....2:00pm- 3:15pm (HZF 1102) STAFF
0401 MW.....3:30pm- 4:45pm (HZF 1102) STAFF

BMGT323 Income Tax Accounting; Grade Method: REG; Prerequisite: BMGT 221. This course is restricted to BMGT majors with 53 semester hours. All others must have authorization form. 3 credits
0101 TuTh.....9:30am-10:45am (TAA 1124) STAFF
0201 TuTh.....12:30pm- 1:45pm (LEF 1222) STAFF
0301 MW.....2:00pm- 3:15pm (TYD 1108) STAFF
0401 MW.....3:30pm- 4:45pm (TYD 1108) STAFF

BMGT326 Accounting Systems; Grade Method: REG; Prerequisite: BMGT 221, 301 and 321. This course is restricted to accounting majors with 74 semester hours completed. All others must have authorization form. 3 credits
0101 MWF.....10:00am-10:50am (TYD 0111) STAFF
0201 MWF.....11:00am-11:50am (TYD 0111) STAFF

BMGT332 Operations Research For Management Decisions; Grade Method: REG; Not for Management Science-Statistics majors. Prerequisites: MATH 220, BMGT 230. This course is restricted to BMGT majors with 3 credits

53 semester hours completed. All others must have authorization form.
0101 MWF.....10:00am-10:50am (TYD 1140) Fromovitz, S
0201 MWF.....11:00am-11:50am (TYD 1140) Fromovitz, S
0301 MWF.....1:00pm- 1:50pm (TYD 1140) Fromovitz, S
0401 MWF.....2:00pm- 2:50pm (TYD 1118) Fromovitz, S
0501 TuTh.....2:00pm- 3:15pm (JRN 1104) Dahl, R

BMGT340 Business Finance; Grade Method: REG; Prerequisite: BMGT 221 and 230. This course is restricted to BMGT majors with 53 semester hours. All others must have authorization forms. 3 credits
0101 MW.....1:00pm- 1:50pm (TYD 0130) STAFF
F.....8:00am- 8:50am (TYD 0130) DIS
0102 MW.....1:00pm- 1:50pm (TYD 0130) STAFF
F.....9:00am- 9:50am (TYD 0130) DIS
0103 MW.....1:00pm- 1:50pm (TYD 0130) STAFF
F.....10:00am-10:50am (TYD 0130) DIS
0104 MW.....1:00pm- 1:50pm (TYD 0130) STAFF
F.....11:00am-11:50am (TYD 0130) DIS

BMGT343 Investments; Grade Method: REG; Prerequisite: BMGT 340. This course is restricted to BMGT majors with 68 semenster hours. All others must have authorization form. 3 credits
0101 MWF.....12:00pm-12:50pm (TYD 1140) STAFF
0201 MWF.....1:00pm- 1:50pm (TYD 2108) STAFF
0301 TuTh.....11:00am-12:15pm (TYD 0102) Chen, S
0401 TuTh.....12:30pm- 1:45pm (TYD 0102) STAFF

BMGT350 Marketing Principles and Organization; Grade Method: REG; Prerequisite: ECON 203 or 205. This course is restricted to marketing majors with 53 semester hours completed. Other BMGT majors and students with major codes 0803C, 08380, 1303A, 1303B, 1303C, 1304A, 0602A, 0602F must have 68 semester hours completed. All others must have authorization form. 3 credits
0101 MW.....10:00am-10:50am (TYD 0130) Nickels, W
F.....8:00am- 8:50am (TYD 2108) DIS
0102 MW.....10:00am-10:50am (TYD 0130) Nickels, W
F.....9:00am- 9:50am (TYD 2108) DIS
0103 MW.....10:00am-10:50am (TYD 0130) Nickels, W
F.....12:00pm-12:50pm (LEF 1201) DIS
0104 MW.....10:00am-10:50am (TYD 0130) Nickels, W
F.....1:00pm- 1:50pm (TYD 2102) DIS
0105 MW.....10:00am-10:50am (TYD 0130) Nickels, W
F.....2:00pm- 2:50pm (TYD 0102) DIS
0106 MW.....10:00am-10:50am (TYD 0130) Nickels, W
F.....3:00pm- 3:50pm (TYD 0102) DIS
0107 MW.....10:00am-10:50am (TYD 0130) Nickels, W
F.....8:00am- 8:50am (TYD 0102) DIS
0108 MW.....10:00am-10:50am (TYD 0130) Nickels, W
F.....9:00am- 9:50am (TYD 0102) DIS
0109 MW.....10:00am-10:50am (TYD 0130) Nickels, W
F.....12:00pm-12:50pm (TYD 0111) DIS
0110 MW.....10:00am-10:50am (TYD 0130) Nickels, W
F.....1:00pm- 1:50pm (TYD 1118) DIS
0111 MW.....10:00am-10:50am (TYD 0130) Nickels, W
F.....2:00pm- 2:50pm (TYD 0111) DIS
0112 MW.....10:00am-10:50am (TYD 0130) Nickels, W
F.....3:00pm- 3:50pm (TYD 0111) DIS

BMGT353 Retail Management; Grade Method: REG; Prerequisite: BMGT 220 and 350. This course is restricted to BMGT majors and major code 0803C with 68 semester hours completed. All others must have authorization form. 3 credits
0101 TuTh.....11:00am-12:15pm (TYD 0111) Swope, D
0201 Th.....6:30pm- 9:10pm (TYD 2109) Swope, D

BMGT354 Promotion Management; Grade Method: REG; Prerequisite: BMGT 350. This course is restricted to BMGT majors and students with major codes 0803C, 0602A, 0602F with 60 semester hours. All others must have authorization form. 3 credits
0101 MWF.....10:00am-10:50am (TYD 0102) Chattalas, M
0201 MWF.....11:00am-11:50am (TYD 2109) Chattalas, M
0301 TuTh.....9:30am-10:45am (TYD 2106) Stocker, P
0401 TuTh.....12:30pm- 1:45pm (TYD 0111) Stocker, P

BMGT360 Personnel Management; Grade Method: REG; This course is open to all students with 53 semester hours completed. 3 credits
0101 MW.....2:00pm- 3:15pm (TYD 0130) Premack, S

BMGT362 Labor Relations; Grade Method: REG; This course is restricted to BMGT majors and students with major codes 0839A and 1307A with 60 semester hours completed. All others must have authorization form. 3 credits
0101 TuTh.....8:00am- 9:15am (TYD 2102) STAFF
0201 TuTh.....9:30am-10:45am (COL 3110) Kovach, K

BMGT364 Management and Organization Theory; Grade Method: REG; This course is restricted to BMGT majors and students with major codes 1303A, 1303B, and 1303C with 53 semester hours completed. All others must have authorization form. 3 credits
0101 TuTh.....11:00am-12:15pm (TYD 0130) Carroll Jr., S

BMGT370 Principles of Transportation; Grade Method: REG; Prerequisite: ECON 203 or 205. This course is open to all students with 53 semester hours completed. 3 credits
0101 MWF.....12:00pm-12:50pm (TYD 0102) Jarrell, J
0201 MWF.....1:00pm- 1:50pm (TYD 0102) Jarrell, J
0301 TuTh.....12:30pm- 1:45pm (ARM 0117) STAFF
0401 TuTh.....3:30pm- 4:45pm (TYD 1108) STAFF

BMGT372 Traffic and Physical Distribution Management; Grade Method: REG; Not open for credit to students who have credit for BMGT 371. Open to BMGT majors only with 53 semester hours completed. 3 credits
0101 MWF.....10:00am-10:50am (TYD 2109) Kling, J
0201 MWF.....11:00am-11:50am (TYD 0102) Kling, J
0301 TuTh.....12:30pm- 1:45pm (TYD 2109) Poist, R

BMGT380 Business Law I; Grade Method: REG; This course is restricted to BMGT majors and major code 0803C, 01110 and 08380 with 53 semester hours completed. All others must have authorization form. 3 credits
0101 TuTh.....8:00am- 9:15am (TYD 0117) Harman, J
0201 TuTh.....2:00pm- 3:15pm (TYD 0117) STAFF
0301 TuTh.....9:30am-10:45am (TYD 0117) STAFF
0401 MW.....3:30pm- 4:45pm (TYD 0117) STAFF

BMGT381 Business Law II; Grade Method: REG; Prerequisite: BMGT 380. This course is restricted to BMGT majors with 68 semester hours completed. All others must have authorization form. 3 credits
0101 TuTh.....12:30pm- 1:45pm (TYD 0117) STAFF

BMGT385 Production Management; Grade Method: REG; This course is restricted to BMGT majors and major code 0839A with 53 semester hours completed. All others must have authorizaton form. Prerequisite: BMGT 230. 3 credits
0101 MW.....2:00pm- 3:15pm (TYD 0102) Assad, A
0201 MW.....3:30pm- 4:45pm (TYD 2110) Assad, A

BMGT386 (PermReq) Field Work; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

BMGT387 (PermReq) Field Work Analysis; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

BMGT392 Introduction to International Business Management; Grade Method: REG; Open to Business majors with 60 credit hours completed. All others must have an authorization form. 3 credits
0101 MWF.....1:00pm- 1:50pm (TYD 0111) Garbuny, S

BMGT398 (PermReq) Individual Study in Business and Management; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

BMGT402 Database and Data Communication Systems; Grade Method: REG; This course is restricted to BMGT majors with 75 semester hours. All others must have authorization form. Prerequisite: BMGT 302. 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 2206) Young-Myers, H
0201 TuTh.....12:30pm- 1:45pm (ZOP 1236) Choi, J

BMGT403 Systems Analysis; Grade Method: REG; Restricted to BMGT majors with 85 semester hours completed. Prerequisite BMGT 402. 3 credits
0101 W.....7:00pm- 9:40pm (TYD 2106) Ring, S

BMGT404 Seminar in Decision Support Systems; Grade Method: REG; This course open to BMGT majors with 85 semester hours completed. Prerequisite BMGT 301. 3 credits
0101 TuTh.....8:00am- 9:15am (TYD 2109) Wilkey, J

BMGT417 Advanced Tax Accounting; Grade Method: REG; Prerequisite: BMGT 311 and 323. This course is restricted to accounting majors with 84 semester hours completed. All others must have authorization form. 3 credits
0101 TuTh.....2:00pm- 3:15pm (ARM 0110) STAFF
0201 M.....7:00pm- 9:40pm (TYD 2111) STAFF

BMGT420 Undergraduate Accounting Seminar; Grade Method: REG; Restricted to accounting majors with 90 semester hours completed. 3 credits
0101 MW.....2:00pm- 3:15pm (TYD 2100) STAFF

BMGT422 Auditing Theory and Practice; Grade Method: REG; Prerequisite: BMGT 311. This is a restricted course for accounting majors. All other majors must have authorization form. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. 3 credits
0101 TuTh.....12:30pm- 1:45pm (WDS 1114) STAFF
0201 TuTh.....2:00pm- 3:15pm (TYD 1108) STAFF
0301 Th.....7:00pm- 9:45pm (TYD 1140) STAFF

BMGT424 Advanced Accounting; Grade Method: REG; Prerequisite: BMGT 311. This is a restricted course for accounting majors. All other majors must have authorization form. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. 3 credits
0101 MWF.....8:00am- 8:50am (TYD 0111) STAFF
0201 MWF.....9:00am- 9:50am (TYD 0111) STAFF

BMGT426 Advanced Cost Accounting; Grade Method: REG; 3 credits
0101 TuTh.....3:30pm- 4:45pm (TYD 0111) STAFF

BMGT430 Linear Statistical Models in Business; Grade Method: REG; Prerequisite: BMGT 230. This course is restricted to BMGT majors with 84 semester hours completed. All others must have authorization form. 3 credits
0101 TuTh.....2:00pm- 3:15pm (TYD 1140) Kotz, S
0201 TuTh.....3:30pm- 4:45pm (TYD 1140) Trivedi, H

BMGT431 Design of Statistical Experiments in Business; Grade Method: REG; Prerequisite: BMGT 230 or 231. This course is restricted to BMGT majors with 72 semester hours completed. All others must have authorization form. 3 credits
0101 TuTh.....5:30pm- 6:45pm (TYD 1140) Wun, L

BMGT434 Introduction to Optimization Theory; Grade Method: REG; Prerequisites: BMGT 230, MATH 220. This course is restricted to BMGT majors with 72 semester hours. All others must have authorization form. 3 credits
0101 MW.....2:00pm- 3:15pm (TYD 2108) Bodin, L
M.....12:00pm-12:50pm (TYD 0111) DIS

BMGT435 Introduction to Applied Probability Models; Grade Method: REG; Prerequisite: BMGT 231 or by permission of instructor. This course is restricted to BMGT majors with 72 semester hours. All others must have authorization form. 3 credits
0101 MW.....3:30pm- 4:45pm (TYD 2108) Bodin, L
W.....12:00pm-12:50pm (TYD 0111) DIS

BMGT440 Financial Management; Grade Method: REG; Prerequisite: BMGT 340. This course is restricted to BMGT majors with 84 semester hours. All others must have authorization form. 3 credits
0101 MW.....2:00pm- 3:15pm (WDS 1114) Soubra, B
0201 MW.....3:30pm- 4:45pm (WDS 1114) Soubra, B
0301 Tu.....7:00pm- 9:40pm (TYD 1140) Embersit, J

BMGT443 Security Analysis and Valuation; Grade Method: REG; Prerequisite: BMGT 343. This course is restricted to BMGT majors with 84 semester hours completed. All others must have authorization form. 3 credits
0101 MW.....2:00pm- 3:15pm (TYD 2109) Haslem, J
0201 MW.....3:30pm- 4:45pm (TYD 2109) Haslem, J

BMGT444 Futures Contracts and Options; Grade Method: REG; Prerequisite: BMGT 343. This course is restricted to finance majors with 84 semester hours completed. All others must have authorization form. 3 credits
0101 TuTh.....8:00am- 9:15am (TYD 0102) Tosini, P
0201 TuTh.....12:30pm- 1:45pm (TYD 2102) Chang, E

BMGT445 Commercial Bank Management; Grade Method: REG; Prerequisites: BMGT 340 and ECON 430. This course is restricted to finance majors with 84 hours completed. All others must have authorization form. 3 credits
0101 TuTh.....8:00am- 9:15am (TYD 1118) STAFF
0201 TuTh.....9:30am-10:45am (EDU 2119) STAFF

BMGT450 Marketing Research Methods; Grade Method: REG; Prerequisites: BMGT 350 and BMGT 230. This course restricted to marketing majors with 72 semester hours completed. Recommended that BMGT 430 be taken prior to this course. All others must have authorization form. 3 credits
0101 TuTh.....9:30am-10:45am (TYD 1140) STAFF
0201 TuTh.....11:00am-12:15pm (EDU 0212) STAFF
0301 MW.....2:00pm- 3:15pm (TLF 0101) Calfee, J
0401 MW.....3:30pm- 4:45pm (JRN 1105) Calfee, J

BMGT451 Consumer Analysis; Grade Method: REG; Prerequisites: BMGT 350. Recommended: PSYC 100 and PSYC 221 be taken prior to this course. This course is restricted to BMGT majors and students with major codes 0602A and 0602F with 72 hours completed. All others must have authorization form. 3 credits
0101 TuTh.....8:00am- 9:15am (TYD 1140) Stephens, D
0201 TuTh.....11:00am-12:15pm (TYD 2106) Sarna, V
0301 TuTh.....2:00pm- 3:15pm (TYD 2109) Sarna, V
0401 MW.....3:30pm- 4:45pm (TLF 0101) Durand, R

BMGT453 Industrial Marketing; Grade Method: REG; Prerequisite: BMGT 350. This course is restricted to BMGT majors with 72 semester hours completed. All others must have authorization form. 3 credits
0101 M.....7:00pm- 9:40pm (TYD 2109) STAFF

BMGT454 International Marketing; Grade Method: REG; Prerequisite:BMGT 350. This course is restricted to BMGT majors with 72 semester hours completed. All others must have an authorization form. 3 credits
0101 TuTh.....9:30am-10:45am (TYD 2109) Greer, T
0201 TuTh.....11:00am-12:15pm (TYD 2109) Greer, T

BMGT455 Sales Management; Grade Method: REG; Prerequisite: BMGT 350. This course is restricted to marketing majors and major code 0803C with 72 semester hours completed. All others must have authorization form. 3 credits
0101 TuTh.....3:30pm- 4:45pm (TYD 2109) Jolson, M

BMGT456 Advertising; Grade Method: REG; Prerequisite: BMGT 354. This course is restricted to BMGT majors and students with major codes 1303A, 1303B, 1303C, 0602A, and 0602F with 60 semester hours completed. All others must have authorization form. 3 credits
0101 MWF.....12:00pm-12:50pm (TYD 2109) Poist, H
0201 MWF.....1:00pm- 1:50pm (TYD 2109) Poist, H

BMGT457 (PermReq) Marketing Policies and Strategies; Grade Method: REG; Prerequisite: 9 semester hours of marketing. This course is restricted to marketing majors with 100 semester hours completed. All others must have authorization form. 3 credits
0101 TuTh.....8:00am- 9:15am (TYD 0111) Biehal, G
0201 MW.....2:00pm- 3:15pm (MMH 0108) STAFF
0301 MW.....3:30pm- 4:45pm (TYD 0102) STAFF

BMGT460 Personnel Management: Analysis and Problems; Grade Method: REG; Prerequisite: BMGT 360. Recommended: BMGT 230. This course is restricted to BMGT majors with 72 semester hours completed. All others must have authorization form. 3 credits
0101 MW.....4:30pm- 5:45pm (TYD 1118) Tracy, K

BMGT462 Labor Legislation; Grade Method: REG; This course is restricted to BMGT majors with 72 credit hours completed. All others must have authorization form. 3 credits
0101 TuTh.....8:00am- 9:15am (TYD 0111) Kovach, K

BMGT464 Organizational Behavior; Grade Method: REG; Prerequisite: BMGT 364. This course is restricted to BMGT majors with 72 hours completed. All others must have authorization form. 3 credits
0101 TuTh.....3:30pm- 4:45pm (TYD 0102) Renard, M

BMGT470 Carrier Management; Grade Method: REG/P-F/AUD; Prerequisite: BMGT 370. This course is open to all students with 72 semester hours completed. 3 credits
0101 TuTh.....9:30am-10:45am (TYD 2110) Taff, C

BMGT473 Advanced Transportation Problems; Grade Method: REG; Prerequisite: BMGT 370. This course is open to all students with 72 semester hours completed. 3 credits
0101 Th.....3:30pm- 6:10pm (TYD 2100) Gardner, L

BMGT476 Applied Computer Models in Transportation and Logistics; Grade Method: REG; 3 credits
0101 MW.....2:00pm- 3:15pm (TYD 0111) Grimm, C

BMGT477 International Transportation and Logistics; Grade Method: REG; 3 credits
0101 MW.....3:30pm- 4:45pm (TYD 2100) Corsi, T

BMGT481 Public Utilities; Grade Method: REG; Prerequisite: ECON 203 or 205. This is a restricted course. Non-BMGT majors must have authorization form. 3 credits
0101 MWF.....10:00am-10:50am (TYD 0117) Garbuny, S
0201 MWF.....12:00pm-12:50pm (TYD 0117) Garbuny, S

BMGT482 Business and Government; Grade Method: REG; Prerequisite: ECON203 or 205. This is a restricted course. Non-BMGT majors must have authorization form. 3 credits
0101 TuTh.....3:30pm- 4:45pm (TYD 1101) McLaughlin, F

BMGT493 (PermReq) Honors Study; Grade Method: REG; Permission of instructor required. 3 credits
0101 TuTh.....2:00pm- 3:15pm (TWS 1202) Power, D

BMGT495 Business Policies; Grade Method: REG; Open only to graduating seniors in Business and Management. Prerequisites: BMGT 340, BMGT 350, BMGT 364. This is a restricted course for BMGT majors with 100 hours completed. All others must have authorization form. 3 credits
0101 MWF.....9:00am- 9:50am (TYD 1108) Cummins, M
0201 MWF.....10:00am-10:50am (TYD 1108) Cummins, M
0301 MWF.....11:00am-11:50am (TYD 1108) Renard, M
0401 MWF.....12:00pm-12:50pm (TYD 1108) Davis, K
0501 MWF.....1:00pm- 1:50pm (TYD 1108) Tracy, K
0601 TuTh.....8:00am- 9:15am (TYD 1108) Jones, R
0701 TuTh.....9:30am-10:45am (TYD 1108) Jones, R
0801 TuTh.....11:00am-12:15pm (TYD 1108) Ostrow, M
0901 TuTh.....12:30pm- 1:45pm (TYD 1108) Ostrow, M

BMGT495A Business Policies; Grade Method: REG; This is a restricted course for BMGT majors with 96 hours completed. All others must have authorization form. BMGT 495A is designed to provide the study of policy decision making in a small business environment. The course involves case studies of actual management problems provided by the Small Business Administration. Members of the class, in teams, investigate and recommend solutions for real world problems to the owner/manager of the firm. 3 credits
0101 Tu.....4:00pm- 6:40pm (TLF 1103) Smith, K

BMGT496 Business and Society; Grade Method: REG; This course is open to all students with 72 semester hours completed. 3 credits
0101 MW.....2:00pm- 3:15pm (TYD 2106) Scott, R

BMGT498L (PermReq) Special Topics in Business and Management: Accounting, Budgeting, and Planning; Grade Method: REG; By permission of the Arts and Humanities Dean's office only. 3 credits
0101 TuTh.....11:00am-12:15pm (WDS 1114) STAFF

BMGT498X (PermReq) Special Topics in Business and Management: Analytical Problem Solving; Grade Method: REG/P-F; By permission of the Arts and Humanities Dean's office only. 3 credits
0101 Tu.....3:30pm- 5:30pm (TYD 2106) Jones, R
Th.....3:30pm- 4:30pm (TYD 2106)

BMGT610 (PermReq) Financial Accounting; Grade Method: REG/AUD; Restricted to grad business majors only. 3 credits
0101 TuTh.....9:30am-10:45am (TYD 2102) STAFF
0201 TuTh.....11:00am-12:15pm (TYD 2102) STAFF
0301 TuTh.....3:30pm- 4:45pm (TYD 1118) STAFF
0401 M.....7:00pm- 9:40pm (TYD 0102) STAFF
0501 W.....7:00pm- 9:40pm (TYD 0111) STAFF
0601 Th.....7:00pm- 9:40pm (TYD 0102) STAFF

BMGT620 (PermReq) Management Information Systems; Grade Method: REG/AUD; Restricted to grad business majors. 3 credits
0101 MW.....1:30pm- 2:45pm (TYD 2102) Hirsch, R
0201 MW.....3:00pm- 4:15pm (TYD 2102) Hirsch, R
0301 Th.....7:00pm- 9:40pm (TYD 2102) Ahad, R

BMGT630 (PermReq) Managerial Statistics; Grade Method: REG/AUD; Restricted to grad business majors. 3 credits
0101 MW.....10:30am-11:45am (TYD 2102) Alt, F
0201 MW.....12:00pm- 1:15pm (TYD 1118) STAFF
0301 TuTh.....3:30pm- 4:45pm (TYD 2102) Marsh Iii, A

BMGT631 (PermReq) Operations Research and Management; Grade Method: REG/AUD; Restricted to grad business majors. 3 credits
0101 M.....7:00pm- 9:40pm (TYD 2108) Gass, S
0201 W.....7:00pm- 9:40pm (TYD 0102) Ball, M
0301 Th.....7:00pm- 9:40pm (TYD 0111) STAFF

BMGT640 (PermReq) Financial Management; Grade Method: REG/AUD; Restricted to grad business majors. 3 credits
0101 M.....7:00pm- 9:40pm (TYD 1118) STAFF
0201 W.....7:00pm- 9:40pm (TYD 1118) STAFF
0301 Th.....7:00pm- 9:40pm (TYD 1118) STAFF

BMGT650 (PermReq) Marketing Management; Grade Method: REG/AUD; Restricted to grad business majors. 3 credits
0101 TuTh.....9:30am-10:45am (TYD 1118) Krapfel Jr., R
0201 TuTh.....12:30pm- 1:45pm (TYD 1118) Krapfel Jr., R
0301 TuTh.....2:00pm- 3:15pm (TYD 1118) Stocker, P

BMGT660 (PermReq) Management and Organizational Behavior; Grade Method: REG/AUD; Restricted to grad business majors. 3 credits
0101 M.....7:00pm- 9:45pm (TYD 1140) Bartol, K
0201 M.....7:00pm- 9:40pm (TYD 0111) Taylor, M
0301 Tu.....7:00pm- 9:40pm (TYD 2102) Taylor, M
0401 W.....7:00pm- 9:40pm (TYD 2102) Bartol, K

BMGT661 (PermReq) Human Resources Management; Grade Method: REG/AUD; Restricted to grad business majors. 3 credits
0101 Th.....7:00pm- 9:40pm (TYD 2108) Olian, J

BMGT670 (PermReq) Economic Environment; Grade Method: REG/AUD; Restricted to grad business majors. 3 credits
0101 MW.....9:00am-10:15am (TYD 2102) STAFF
0201 MW.....10:30am-11:45am (TYD 1118) STAFF
0301 TuTh.....2:00pm- 3:15pm (TYD 2102) Scheraga, C

BMGT672 (PermReq) Physical Distribution Management; Grade Method: REG/AUD; Restricted to grad business majors. 3 credits
0101 TuTh.....9:30am-10:45am (TYD 2140) Poist, R

BMGT680 (PermReq) Business and Public Policy; Grade Method: REG/AUD; Restricted to grad business majors. 3 credits
0101 MW.....10:30am-11:45am (TYD 2100) Scott, R
0201 TuTh.....2:00pm- 3:15pm (TYD 0102) Preston, L

BMGT710 (PermReq) Advanced Accounting Theory; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm- 9:40pm (TYD 2111) STAFF

BMGT711 (PermReq) Advanced Managerial Accounting; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:40pm (TYD 2102) STAFF

BMGT713 (PermReq) The Impact of Taxation On Business Decisions; Grade Method: REG/AUD; Restricted to grad business majors. 3 credits
0101 W.....7:00pm- 9:40pm (TYD 1108) STAFF

BMGT721 File Processing and Database Systems; 3 credits

(PermReq) Grade Method: REG/AUD; Restricted to grad business majors.
0101 MW.....12:00pm- 1:15pm (TYD 2102) Raschid, L
0201 Tu.....7:00pm- 9:40pm (TYD 2111) Ahad, R

BMGT724 Economics of Information Systems; Grade Method: REG/AUD; Restricted to grad business majors. 3 credits
(PermReq)
0101 M.....7:00pm- 9:40pm (TYD 2110) Basu, A

BMGT725 Information Systems Analysis and Design; Grade Method: REG/AUD; Restricted to grad business majors. 3 credits
(PermReq)
0101 MW.....9:00am-10:15am (TYD 1118) Basu, A

BMGT735 Application of Management Science; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 W.....4:00pm- 6:40pm (TYD 2140) Golden, B

BMGT741 Advanced Financial Management; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 Tu.....7:00pm- 9:40pm (TYD 0111) Chen, S

BMGT742 Financial Planning and Strategy; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 MW.....3:00pm- 4:15pm (TYD 1118) Kolodny, R
0201 W.....7:00pm- 9:40pm (TYD 2108) Kolodny, R

BMGT743 Investment Management; Grade Method: REG/AUD; Prerequisite: BMGT 640. Restricted to grad business majors. 3 credits
(PermReq)
0101 Th.....7:00pm- 9:40pm (TYD 1108) Eun, C

BMGT744 Futures Contracts and Options Management; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 TuTh.....2:00pm- 3:15pm (TYD 2108) Chang, E

BMGT746 International Financial Management; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 TuTh.....3:30pm- 4:45pm (TYD 2108) Eun, C

BMGT754 Buyer Behavior Analysis; Grade Method: REG/AUD; Restricted to grad Business majors. 3 credits
(PermReq)
0101 M.....7:00pm- 9:40pm (TYD 2140) Stephens, D

BMGT761 Problems and Applications in Personnel Administration; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 MW.....12:00pm- 1:15pm (TYD 2140) STAFF

BMGT763 Administration of Labor Relations; Grade Method: REG/AUD; Restricted to grad business majors. 3 credits
(PermReq)
0101 Tu.....7:00pm- 9:40pm (TYD 1136) STAFF

BMGT766 Management Planning and Control Systems; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 Th.....7:00pm- 9:40pm (TYD 1136) Power, D

BMGT770 Transportation Theory and Analysis; Grade Method: REG/AUD; Restricted to grad business majors. 3 credits
(PermReq)
0101 W.....7:00pm- 9:40pm (TYD 1132) Grimm, C

BMGT791 MBA Field Project; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Students may register only with written permission of course coordinator. 3 credits
(PermReq)

BMGT795 Management of the Multinational Firm; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 Th.....7:00pm- 9:40pm (TYD 2100) Scheraga, C

BMGT798A Special Topics in Business and Management: Multivariate Analysis (Part 1); Grade Method: REG/AUD; 3 credits
(PermReq)
0101 Tu.....7:00pm- 9:40pm (TYD 2108) STAFF

BMGT798B Special Topics in Business and Management: Database Machines; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 W.....7:00pm- 9:40pm (TYD 2140) Raschid, L

BMGT798C Special Topics in Business and Management: Strategic Marketing Planning; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 TuTh.....11:00am-12:15pm (TYD 1118) Biehal, G

BMGT798D Special Topics in Business and Management: Tele-Communications; Grade Method: REG/AUD; Restricted to grad business majors. 3 credits
(PermReq)
0101 M.....7:00pm- 9:40pm (TYD 2100) Pearce, A

BMGT798E Special Topics in Business and Management: Implementing Strategy; Grade Method: REG/AUD; Restricted to grad business majors. 3 credits
(PermReq)
0101 M.....7:00pm- 9:40pm (TYD 1128) Gupta, A

BMGT798F Special Topics in Business and Management: Sales Management; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 Tu.....7:00pm- 9:40pm (TYD 0102) Jolson, M

BMGT798G Special Topics in Business and Management: Telecommunications II; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 W.....7:00pm- 9:40pm (TYD 2100) Thayer, R

BMGT799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits
(PermReq)

BMGT808A Doctoral Seminar: Strategic Management; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 Th.....4:00pm- 6:40pm (TYD 1132) Smith, K

BMGT811 Seminar in Accounting Theory; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 Tu.....3:30pm- 6:10pm (TYD 1132) STAFF

BMGT823 Data Base Design; Grade Method: REG/AUD; Restricted to grad business majors. 3 credits
(PermReq)
0101 M.....7:00pm- 9:40pm (TYD 0101) Yao, S

BMGT824 Database Systems Architecture; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 Tu.....7:00pm- 9:40pm (TYD 1118) Yao, S

BMGT828 Independent Study in Business and Management; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. MBA students may register only with written permission of Mary Anne Waikart, Masters Program Director. Ph.D. students may register only with written permission of Dr. Alt, Director of Graduate Studies. Restricted to grad business majors. 1-9 credits
(PermReq)

BMGT830 Operations Research: Linear Programming; Grade Method: REG/AUD; Prerequisite: MATH 240 or consent of instructor. 3 credits
(PermReq)
0101 M.....4:00pm- 6:30pm (TYD 0101) Gass, S

BMGT832 Operations Research: Optimization and Nonlinear Programming; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 Th.....7:00pm- 9:40pm (TYD 2140) Hutzler, W

BMGT840 Seminar in Financial Theory; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 W.....9:00am-11:40am (TYD 2140) STAFF

BMGT860 Seminar in Human Resource Planning and Selection; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 M.....1:00pm- 3:40pm (ZOP 1124) Olian, J

BMGT863 Seminar: The Organization and the Individual; Grade Method: REG/AUD; 3 credits
0101 Th.....2:00pm- 4:40pm (TYD 2140) Locke, E

BMGT899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits
(PermReq)

BOTN Botany (Life Sciences)

BOTN100 General Botany For Non-Science Students; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 4 credits
1001 TuTh.....11:00am-11:50am (HJP 0226) Van Valkenburg,
MF.....8:00am-10:00am (HJP 1105) LAB
1002 TuTh.....11:00am-11:50am (HJP 0226) Van Valkenburg,
MF.....10:00am-12:00pm (HJP 1105) LAB
1003 TuTh.....11:00am-11:50am (HJP 0226) Van Valkenburg,
MF.....12:00pm- 2:00pm (HJP 1105) LAB
1004 TuTh.....11:00am-11:50am (HJP 0226) Van Valkenburg,
MW.....2:00pm- 4:00pm (HJP 1105) LAB
1005 TuTh.....11:00am-11:50am (HJP 0226) Van Valkenburg,
MW.....4:00pm- 6:00pm (HJP 1105) LAB
1006 TuTh.....11:00am-11:50am (HJP 0226) Van Valkenburg,
TuTh.....8:00am-10:00am (HJP 1105) LAB
1007 TuTh.....11:00am-11:50am (HJP 0226) Van Valkenburg,
TuTh.....12:00pm- 2:00pm (HJP 1105) LAB
1008 TuTh.....11:00am-11:50am (HJP 0226) Van Valkenburg,
MW.....2:00pm- 4:00pm (HJP 1125) LAB
1009 TuTh.....11:00am-11:50am (HJP 0226) Van Valkenburg,
TuTh.....4:00pm- 6:00pm (HJP 1105) LAB
1010 TuTh.....11:00am-11:50am (HJP 0226) Van Valkenburg,
MW.....4:00pm- 6:00pm (HJP 3104) LAB
2001 TuTh.....10:00am-10:50am (HJP 0226) Van Valkenburg,
MF.....8:00am-10:00am (HJP 3127) LAB
2002 TuTh.....10:00am-10:50am (HJP 0226) Van Valkenburg,
MF.....10:00am-12:00pm (HJP 3127) LAB
2003 TuTh.....10:00am-10:50am (HJP 0226) Van Valkenburg,
MF.....12:00pm- 2:00pm (HJP 3127) LAB
2004 TuTh.....10:00am-10:50am (HJP 0226) Van Valkenburg,
MW.....2:00pm- 4:00pm (HJP 3127) LAB
2005 TuTh.....10:00am-10:50am (HJP 0226) Van Valkenburg,
MW.....4:00pm- 6:00pm (HJP 3127) LAB
2006 TuTh.....10:00am-10:50am (HJP 0226) Van Valkenburg,
TuTh.....8:00am-10:00am (HJP 3127) LAB
2007 TuTh.....10:00am-10:50am (HJP 0226) Van Valkenburg,
TuTh.....12:00pm- 2:00pm (HJP 3127) LAB
2008 TuTh.....10:00am-10:50am (HJP 0226) Van Valkenburg,
TuTh.....2:00pm- 4:00pm (HJP 1105) LAB
2009 TuTh.....10:00am-10:50am (HJP 0226) Van Valkenburg,
TuTh.....4:00pm- 6:00pm (HJP 3127) LAB
3001 MW.....9:00am- 9:50am (HJP 0226) Higgins, E
MF.....10:00am-12:00pm (HJP 3104) LAB
3002 MW.....9:00am- 9:50am (HJP 0226) Higgins, E
MF.....12:00pm- 2:00pm (HJP 1125) LAB
3003 MW.....9:00am- 9:50am (HJP 0226) Higgins, E
MW.....2:00pm- 4:00pm (HJP 3104) LAB
3004 MW.....9:00am- 9:50am (HJP 0226) Higgins, E
MF.....12:00pm- 2:00pm (HJP 3104) LAB
3005 MW.....9:00am- 9:50am (HJP 0226) Higgins, E
TuTh.....10:00am-12:00pm (HJP 3104) LAB
3006 MW.....9:00am- 9:50am (HJP 0226) Higgins, E
TuTh.....10:00am-12:00pm (HJP 1105) LAB
3007 MW.....9:00am- 9:50am (HJP 0226) Higgins, E
TuTh.....12:00pm- 2:00pm (HJP 3104) LAB
3008 MW.....9:00am- 9:50am (HJP 0226) Higgins, E
TuTh.....2:00pm- 4:00pm (HJP 3104) LAB
3009 MW.....9:00am- 9:50am (HJP 0226) Higgins, E
TuTh.....4:00pm- 6:00pm (HJP 3104) LAB
3010 MW.....9:00am- 9:50am (HJP 0226) Higgins, E
TuTh.....8:00am-10:00am (HJP 3104) LAB
4001 MW.....10:00am-10:50am (HJP 0226) Koines, P
MF.....8:00am-10:00am (HJP 1125) LAB
4002 MW.....10:00am-10:50am (HJP 0226) Koines, P
TuTh.....2:00pm- 4:00pm (HJP 3127) LAB
4003 MW.....10:00am-10:50am (HJP 0226) Koines, P
TuTh.....10:00am-12:00pm (HJP 3127) LAB
4004 MW.....10:00am-10:50am (HJP 0226) Koines, P
MW.....4:00pm- 6:00pm (HJP 1125) LAB
4005 MW.....10:00am-10:50am (HJP 0226) Koines, P
TuTh.....8:00am-10:00am (HJP 1125) LAB
4006 MW.....10:00am-10:50am (HJP 0226) Koines, P
TuTh.....10:00am-12:00pm (HJP 1125) LAB
4007 MW.....10:00am-10:50am (HJP 0226) Koines, P
TuTh.....12:00pm- 2:00pm (HJP 1125) LAB
4008 MW.....10:00am-10:50am (HJP 0226) Koines, P
TuTh.....2:00pm- 4:00pm (HJP 1125) LAB
4009 MW.....10:00am-10:50am (HJP 0226) Koines, P
TuTh.....4:00pm- 6:00pm (HJP 1125) LAB

BOTN211 Ecology and Mankind; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 3 credits
0101 MW.....3:00pm- 4:15pm (HJP 2242) Teramura, A

BOTN221 Introductory Plant Pathology; Grade Method: REG/P-F/AUD; 4 credits
0101 TuTh.....9:00am- 9:50am (HJP 0226) Collmer, A
TuTh.....10:00am-12:00pm (HJP 2230) LAB
0102 TuTh.....9:00am- 9:50am (HJP 0226) Collmer, A
TuTh.....12:00pm- 2:00pm (HJP 2230) LAB

BOTN379 Honors Research Problems in Botany; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits
(PermReq)

BOTN398 Seminar; Grade Method: REG/P-F/AUD; 1 credit
0101 W.....11:00am-11:50am (HJP 1216) Barnett, N

BOTN399 Research Problems in Botany; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits
(PermReq)

BOTN401 Origins of Modern Botany; Grade Method: REG; 1 credit
0101 MW.....12:00pm-12:50pm (HJP 1229) Reveal, J

BOTN407 Teaching Methods in Botany; Grade Method: REG/P-F/AUD; 2 credits
0101 M.....4:00pm- 6:00pm (HJP 1229) Lockard, J

BOTN413 Plant Geography; Grade Method: REG; 2 credits
0101 TuTh.....1:00pm- 1:50pm (HJP 1229) Reveal, J

BOTN416 Plant Structure; Grade Method: REG/P-F/AUD; 4 credits
0101 TuTh.....10:00am-10:50am (HJP 1229) Cooke, T
WF.....12:00pm- 2:00pm (HJP 2226) LAB

BOTN420 Plant Cell Biology; Grade Method: REG; 3 credits
0101 TuTh.....11:00am-12:15pm (HJP 1229) Wolniak, S

BOTN441 Plant Physiology; Grade Method: REG/P-F/AUD; 4 credits
0101 TuTh.....10:00am-10:50am (HJP 2242) Racusen, R
M.....9:00am- 1:00pm (HJP 2226) LAB
0102 TuTh.....10:00am-10:50am (HJP 2242) Racusen, R
M.....1:00pm- 5:00pm (HJP 2226) LAB
0103 TuTh.....10:00am-10:50am (HJP 2242) Racusen, R
M.....6:00pm-10:00pm (HJP 2226) LAB
0104 TuTh.....10:00am-10:50am (HJP 2242) Racusen, R
Tu.....1:00pm- 5:00pm (HJP 2226) LAB
0105 TuTh.....10:00am-10:50am (HJP 2242) Racusen, R
Tu.....6:00pm-10:00pm (HJP 2226) LAB

BOTN476 Biology of Phytoplankton; Grade Method: REG/AUD; 4 credits
0101 MW.....11:00am-11:50am (HJP 1229) Van Valkenburg,
MW.....1:00pm- 3:00pm (HJP 2230) LAB

BOTN484 Plant Biochemistry; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (HJP 1229) Sze, H

BOTN640 Molecular Mechanisms of Plant Pathogenesis; Grade Method: REG/AUD; 2 credits
0101 WF.....9:00am- 9:50am (HJP 1229) Collmer, A

BOTN686 Molecular Genetics of Plants; Grade Method: REG/AUD; 2 credits
0101 MW.....10:00am-10:50am (HJP 1229) Watson, J

BOTN698B Seminar in Botany: Pathology; Grade Method: REG/AUD; 1 credit
0101 W.....4:00pm- 4:50pm (HJP 1229) Hutcheson, S

BOTN698C Seminar in Botany: Physiology; Grade Method: REG/AUD; 1 credit
0101 F.....4:00pm- 4:50pm (HJP 1229) Sze, H

BOTN698D Seminar in Botany: Ecology; Grade Method: REG/AUD; 1 credit
0101 Th.....4:00pm- 4:50pm (HJP 1229) Teramura, A

BOTN698E Seminar in Botany: Mycology; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Motta, J

BOTN698J Seminar in Botany: Genetics; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Bottino, P

BOTN699A Special Problems in Botany: Cell Biology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits
(PermReq)

BOTN699B Special Problems in Botany: Pathology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits
(PermReq)

BOTN699C Special Problems in Botany: Physiology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits
(PermReq)

BOTN699D Special Problems in Botany: Ecology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits
(PermReq)

BOTN699E Special Problems in Botany: Mycology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits
(PermReq)

BOTN699F Special Problems in Botany: Morphology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits
(PermReq)

BOTN699G Special Problems in Botany: Phycology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits
(PermReq)

BOTN699I Special Problems in Botany: Virology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits
(PermReq)

BOTN699J Special Problems in Botany: Genetics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits
(PermReq)

BOTN699K Special Problems in Botany: Molecular Biology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits
(PermReq)

BOTN699L Special Problems in Botany: Photosynthesis; Grade Method: REG/AUD; 2 credits
0101 MW.....8:00am- 8:50am (HJP 1229) Gantt, E

BOTN699N Special Problems in Botany: Plant Systematics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits
(PermReq)

BOTN699P Special Problems in Botany: Fungal Physiology; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Sisler, H

BOTN699R Special Problems in Botany: Principles of Plant Disease Management; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Steiner, P
Time and room to be arranged LAB

BOTN721 Clinical and Field Plant Pathology; Grade Method: REG/AUD; 1-2 credits
(PermReq)
0101 Time and room to be arranged Corbett, M

BOTN799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits
(PermReq)

BOTN899 Doctoral Dissertation Research: Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits
(PermReq)

BSOS Behavioral and Social Sciences (Behavior & Social Sci)

BSOS200 Introduction to Applied Behavioral and Social Sciences; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 TuTh.....9:30am-10:45am (ASY 3221) STAFF
Tu.....11:00am-12:15pm (ASY 3221) LAB
0102 TuTh.....9:30am-10:45am (ASY 3221) Segal, D
Th.....11:00am-12:15pm (ASY 3221) LAB

CHEM Chemistry (Life Sciences)

CHEM001 Introduction to College Chemistry; Grade Method: REG/P-F/AUD; The notation 2 credits is used only for billing and full-time or part-time status. This course does not carry any credit toward any degree at the University. A special fee is required. If dropping course, see Withdrawal and Refund of Fees - Special Refund Deadlines in the Financial Information section of the Schedule of Classes. 2 credits
1105 MW.....4:00pm- 4:50pm (CHM 1407) Walters, B
Th.....1:00pm- 1:50pm (EGR 1124) DIS
1107 MW.....4:00pm- 4:50pm (CHM 1407) Walters, B
Th.....2:00pm- 2:50pm (ARM 0105) DIS
1109 MW.....4:00pm- 4:50pm (CHM 1407) Walters, B
Th.....3:00pm- 3:50pm (ARM 0105) DIS

CHEM103 General Chemistry I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Sections 3214 - 3258 taught by Dr. Alice Mignerey, Distinguished Scholar Teacher. Laboratories begin on Sept 12. 4 credits
3114 MWF.....8:00am- 8:50am (CHM 1407) Miller, G
M.....12:00pm- 2:50pm (CHM 1105) LAB
Tu.....8:00am- 8:50am (HZF 1108) DIS
3115 MWF.....8:00am- 8:50am (CHM 1407) Miller, G
M.....12:00pm- 2:50pm (CHM 1106) LAB
Tu.....8:00am- 8:50am (CHM 0128) DIS
3124 MWF.....8:00am- 8:50am (CHM 1407) Miller, G
Tu.....12:00pm- 2:50pm (CHM 1105) LAB
Tu.....8:00am- 8:50am (CHE 2145) DIS
3125 MWF.....8:00am- 8:50am (CHM 1407) Miller, G
Tu.....12:00pm- 2:50pm (CHM 1112) LAB
Tu.....8:00am- 8:50am (ANS 1109) DIS
3127 MWF.....8:00am- 8:50am (CHM 1407) Miller, G
Tu.....3:00pm- 5:50pm (CHM 1105) LAB
Tu.....8:00am- 8:50am (CHE 2120) DIS
3128 MWF.....8:00am- 8:50am (CHM 1407) Miller, G
Tu.....3:00pm- 5:50pm (CHM 1106) LAB
Tu.....8:00am- 8:50am (EGR 0102) DIS
3134 MWF.....8:00am- 8:50am (CHM 1407) Miller, G
W.....12:00pm- 2:50pm (CHM 1105) LAB
Tu.....9:00am- 9:50am (HZF 1108) DIS
3135 MWF.....8:00am- 8:50am (CHM 1407) Miller, G
W.....12:00pm- 2:50pm (CHM 1106) LAB
Tu.....9:00am- 9:50am (CHM 0124) DIS
3141 MWF.....8:00am- 8:50am (CHM 1407) Miller, G
Th.....8:00am-10:50am (CHM 1119) LAB
Tu.....8:00am- 8:50am (CHM 0124) DIS
3144 MWF.....8:00am- 8:50am (CHM 1407) Miller, G
Th.....12:00pm- 2:50pm (CHM 1105) LAB
Tu.....9:00am- 9:50am (CHE 2145) DIS
3145 MWF.....8:00am- 8:50am (CHM 1407) Miller, G
Th.....12:00pm- 2:50pm (CHM 1112) LAB
Tu.....9:00am- 9:50am (ANS 1109) DIS
3147 MWF.....8:00am- 8:50am (CHM 1407) Miller, G
Th.....3:00pm- 5:50pm (CHM 1105) LAB
Tu.....9:00am- 9:50am (CHE 2120) DIS
3148 MWF.....8:00am- 8:50am (CHM 1407) Miller, G
Th.....3:00pm- 5:50pm (CHM 1106) LAB
Tu.....9:00am- 9:50am (EGR 2112) DIS
3154 MWF.....8:00am- 8:50am (CHM 1407) Miller, G
F.....12:00pm- 2:50pm (CHM 1109) LAB
Tu.....8:00am- 8:50am (ZOP 1228) DIS
3214 MWF.....10:00am-10:50am (CHM 1407) Mignerey, A
M.....12:00pm- 2:50pm (CHM 1109) LAB
Th.....8:00am- 8:50am (HZF 1108) DIS
3215 MWF.....10:00am-10:50am (CHM 1407) Mignerey, A
M.....12:00pm- 2:50pm (CHM 1110) LAB
Th.....8:00am- 8:50am (CHM 0128) DIS
3216 MWF.....10:00am-10:50am (CHM 1407) Mignerey, A
M.....12:00pm- 2:50pm (CHM 1112) LAB
Th.....8:00am- 8:50am (ANS 1109) DIS
3217 MWF.....10:00am-10:50am (CHM 1407) Mignerey, A
M.....3:00pm- 5:50pm (CHM 1105) LAB
Th.....8:00am- 8:50am (CHE 2145) DIS
3224 MWF.....10:00am-10:50am (CHM 1407) Mignerey, A
Tu.....12:00pm- 2:50pm (CHM 1106) LAB
Th.....8:00am- 8:50am (CHE 2120) DIS
3227 MWF.....10:00am-10:50am (CHM 1407) Mignerey, A
Tu.....3:00pm- 5:50pm (CHM 1109) LAB
Th.....8:00am- 8:50am (EGR 0102) DIS
3234 MWF.....10:00am-10:50am (CHM 1407) Mignerey, A
W.....12:00pm- 2:50pm (CHM 1109) LAB
Th.....9:00am- 9:50am (CHE 2140) DIS
3235 MWF.....10:00am-10:50am (CHM 1407) Mignerey, A
W.....12:00pm- 2:50pm (CHM 1110) LAB
Th.....9:00am- 9:50am (CHM 0124) DIS
3236 MWF.....10:00am-10:50am (CHM 1407) Mignerey, A
W.....12:00pm- 2:50pm (CHM 1112) LAB
Th.....9:00am- 9:50am (ANS 1109) DIS
3237 MWF.....10:00am-10:50am (CHM 1407) Mignerey, A

W.....3:00pm- 5:50pm (CHM 1105) LAB
Th.....9:00am- 9:50am (CHE 2145) DIS
3244 MWF.....10:00am-10:50am (CHM 1407) Mignerey, A
Th.....12:00pm- 2:50pm (CHM 1106) LAB
Th.....8:00am- 9:50am (CHE 2120) DIS
3247 MWF.....10:00am-10:50am (CHM 1407) Mignerey, A
Th.....3:00pm- 5:50pm (CHM 1109) LAB
Th.....9:00am- 9:50am (MTH B0431) DIS
3254 MWF.....10:00am-10:50am (CHM 1407) Mignerey, A
F.....12:00pm- 2:50pm (CHM 1110) LAB
Th.....8:00am- 8:50am (CHE 2140) DIS
3255 MWF.....10:00am-10:50am (CHM 1407) Mignerey, A
F.....12:00pm- 2:50pm (CHM 1112) LAB
Th.....8:00am- 8:50am (COL 0100) DIS
3257 MWF.....10:00am-10:50am (CHM 1407) Mignerey, A
F.....3:00pm- 5:50pm (CHM 1112) LAB
Th.....9:00am- 9:50am (COL 0100) DIS
3258 MWF.....10:00am-10:50am (CHM 1407) Mignerey, A
F.....3:00pm- 5:50pm (CHM 1119) LAB
Th.....9:00am- 9:50am (ZOP 1232) DIS
3314 MWF.....11:00am-11:50am (CHM 1407) DeVoe, H
M.....12:00pm- 2:50pm (CHM 1111) LAB
Tu.....10:00am-10:50am (CHE 2140) DIS
3324 MWF.....11:00am-11:50am (CHM 1407) DeVoe, H
Tu.....12:00pm- 2:50pm (CHM 1109) LAB
Tu.....10:00am-10:50am (CHE 2120) DIS
3327 MWF.....11:00am-11:50am (CHM 1407) DeVoe, H
Tu.....3:00pm- 5:50pm (CHM 1110) LAB
Tu.....10:00am-10:50am (MTH B0425) DIS
3328 MWF.....11:00am-11:50am (CHM 1407) DeVoe, H
Tu.....3:00pm- 5:50pm (CHM 1111) LAB
Tu.....10:00am-10:50am (HZF 1108) DIS
3329 MWF.....11:00am-11:50am (CHM 1407) DeVoe, H
Tu.....3:00pm- 5:50pm (CHM 1112) LAB
Tu.....10:00am-10:50am (EGR 3108) DIS
3334 MWF.....11:00am-11:50am (CHM 1407) DeVoe, H
W.....12:00pm- 2:50pm (CHM 1111) LAB
Tu.....11:00am-11:50am (ZOP 1124) DIS
3335 MWF.....11:00am-11:50am (CHM 1407) DeVoe, H
W.....12:00pm- 2:50pm (CHM 1119) LAB
Tu.....11:00am-11:50am (CHM 2201) DIS
3344 MWF.....11:00am-11:50am (CHM 1407) DeVoe, H
Th.....12:00pm- 2:50pm (CHM 1109) LAB
Tu.....11:00am-11:50am (CHE 2120) DIS
3347 MWF.....11:00am-11:50am (CHM 1407) DeVoe, H
Th.....3:00pm- 5:50pm (CHM 1110) LAB
Tu.....11:00am-11:50am (EGR 3102) DIS
3348 MWF.....11:00am-11:50am (CHM 1407) DeVoe, H
Th.....3:00pm- 5:50pm (CHM 1111) LAB
Tu.....11:00am-11:50am (CHE 2116) DIS
3349 MWF.....11:00am-11:50am (CHM 1407) DeVoe, H
Th.....3:00pm- 5:50pm (CHM 1112) LAB
Tu.....11:00am-11:50am (JMZ 1109) DIS
3351 MWF.....11:00am-11:50am (CHM 1407) DeVoe, H
F.....8:00am-10:50am (CHM 1111) LAB
Tu.....10:00am-10:50am (CHE 2145) DIS
3352 MWF.....11:00am-11:50am (CHM 1407) DeVoe, H
F.....8:00am-10:50am (CHM 1110) LAB
Tu.....10:00am-10:50am (CHE 2116) DIS
3353 MWF.....11:00am-11:50am (CHM 1407) DeVoe, H
F.....8:00am-10:50am (CHM 1106) LAB
Tu.....10:00am-10:50am (EGR 1124) DIS
3354 MWF.....11:00am-11:50am (CHM 1407) DeVoe, H
F.....12:00pm- 2:50pm (CHM 1111) LAB
Tu.....11:00am-11:50am (CHE 2140) DIS
3355 MWF.....11:00am-11:50am (CHM 1407) DeVoe, H
F.....12:00pm- 2:50pm (CHM 1106) LAB
Tu.....11:00am-11:50am (JMZ 2123) DIS
3411 MWF.....12:00pm-12:50pm (CHM 1407) Ondov, J
M.....8:00am-10:50am (CHM 1105) LAB
Th.....9:00am- 9:50am (GEO 1120) DIS
3412 MWF.....12:00pm-12:50pm (CHM 1407) Ondov, J
M.....8:00am-10:50am (CHM 1106) LAB
Th.....9:00am- 9:50am (CHE 2116) DIS
3413 MWF.....12:00pm-12:50pm (CHM 1407) Ondov, J
M.....8:00am-10:50am (CHM 1112) LAB
Th.....9:00am- 9:50am (JMZ 3203) DIS
3417 MWF.....12:00pm-12:50pm (CHM 1407) Ondov, J
M.....3:00pm- 5:50pm (CHM 1106) LAB
Th.....9:00am- 9:50am (MTH 0103) DIS
3424 MWF.....12:00pm-12:50pm (CHM 1407) Ondov, J
Tu.....12:00pm- 2:50pm (CHM 1110) LAB
Th.....9:00am- 9:50am (COL 0102) DIS
3425 MWF.....12:00pm-12:50pm (CHM 1407) Ondov, J
Tu.....12:00pm- 2:50pm (CHM 1111) LAB
Th.....8:00am- 9:50am (JUL 1105) DIS
3431 MWF.....12:00pm-12:50pm (CHM 1407) Ondov, J
W.....8:00am-10:50am (CHM 1105) LAB
Th.....10:00am-10:50am (HZF 1108) DIS
3432 MWF.....12:00pm-12:50pm (CHM 1407) Ondov, J
W.....8:00am-10:50am (CHM 1106) LAB
Th.....10:00am-10:50am (CHE 2120) DIS
3433 MWF.....12:00pm-12:50pm (CHM 1407) Ondov, J

W.....8:00am-10:50am (CHM 1112) LAB
Th.....10:00am-10:50am (EGR 3108) DIS
3437 MWF.....12:00pm-12:50pm (CHM 1407) Ondov, J
W.....3:00pm- 5:50pm (CHM 1106) LAB
Th.....10:00am-10:50am (MTH B0431) DIS
3444 MWF.....12:00pm-12:50pm (CHM 1407) Ondov, J
Th.....12:00pm- 2:50pm (CHM 1110) LAB
Th.....10:00am-10:50am (CHE 2116) DIS
3445 MWF.....12:00pm-12:50pm (CHM 1407) Ondov, J
Th.....12:00pm- 2:50pm (CHM 1111) LAB
Th.....10:00am-10:50am (CHE 2145) DIS
3446 MWF.....12:00pm-12:50pm (CHM 1407) Ondov, J
Th.....12:00pm- 2:50pm (CHM 1119) LAB
Th.....10:00am-10:50am (MTH B0425) DIS
3451 MWF.....12:00pm-12:50pm (CHM 1407) Ondov, J
F.....8:00am-10:50am (CHM 1109) LAB
Th.....9:00am- 9:50am (HZF 1108) DIS
3511 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
M.....8:00am-10:50am (CHM 1109) LAB
Tu.....2:00pm- 2:50pm (EGR 3111) DIS
3512 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
M.....8:00am-10:50am (CHM 1110) LAB
Tu.....2:00pm- 2:50pm (CHM 0119) DIS
3517 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
M.....3:00pm- 5:50pm (CHM 1109) LAB
Tu.....2:00pm- 2:50pm (ARM 0105) DIS
3518 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
M.....3:00pm- 5:50pm (CHM 1119) LAB
Tu.....2:00pm- 2:50pm (ARM 0118) DIS
3521 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
Tu.....8:00am-10:50am (CHM 1105) LAB
Tu.....2:00pm- 2:50pm (ARM 0120) DIS
3522 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
Tu.....8:00am-10:50am (CHM 1106) LAB
Tu.....2:00pm- 2:50pm (EGR 0102) DIS
3523 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
Tu.....8:00am-10:50am (CHM 1112) LAB
Tu.....2:00pm- 2:50pm (CHE 2120) DIS
3531 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
W.....8:00am-10:50am (CHM 1109) LAB
Tu.....3:00pm- 3:50pm (CHM 0119) DIS
3532 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
W.....8:00am-10:50am (CHM 1110) LAB
Tu.....3:00pm- 3:50pm (CHM 0122) DIS
3537 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
W.....3:00pm- 5:50pm (CHM 1109) LAB
Tu.....3:00pm- 3:50pm (CHM 0105) DIS
3538 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
W.....3:00pm- 5:50pm (CHM 1119) LAB
Tu.....3:00pm- 3:50pm (ARM 0118) DIS
3541 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
Th.....8:00am-10:50am (CHM 1105) LAB
Tu.....3:00pm- 3:50pm (ARM 0120) DIS
3542 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
Th.....8:00am-10:50am (CHM 1106) LAB
Tu.....3:00pm- 3:50pm (EGR 0102) DIS
3543 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
Th.....8:00am-10:50am (CHM 1112) LAB
Tu.....3:00pm- 3:50pm (CHM 0124) DIS
3611 MWF.....2:00pm- 2:50pm (CHM 1407) Freeman, D
M.....8:00am-10:50am (CHM 1111) LAB
Th.....2:00pm- 2:50pm (EGR 0102) DIS
3617 MWF.....2:00pm- 2:50pm (CHM 1407) Freeman, D
M.....3:00pm- 5:50pm (CHM 1110) LAB
Th.....2:00pm- 2:50pm (CHM 0124) DIS
3618 MWF.....2:00pm- 2:50pm (CHM 1407) Freeman, D
M.....3:00pm- 5:50pm (CHM 1111) LAB
Th.....2:00pm- 2:50pm (ARM 0120) DIS
3619 MWF.....2:00pm- 2:50pm (CHM 1407) Freeman, D
M.....3:00pm- 5:50pm (CHM 1112) LAB
Th.....2:00pm- 2:50pm (EGR 3111) DIS
3621 MWF.....2:00pm- 2:50pm (CHM 1407) Freeman, D
Tu.....8:00am-10:50am (CHM 1109) LAB
Th.....2:00pm- 2:50pm (ARM 0121) DIS
3622 MWF.....2:00pm- 2:50pm (CHM 1407) Freeman, D
Tu.....8:00am-10:50am (CHM 1110) LAB
Th.....2:00pm- 2:50pm (CHE 2120) DIS
3624 MWF.....2:00pm- 2:50pm (CHM 1407) Freeman, D
Tu.....12:00pm- 2:50pm (CHM 1119) LAB
Th.....2:00pm- 2:50pm (CHM 0119) DIS
3627 MWF.....2:00pm- 2:50pm (CHM 1407) Freeman, D
Tu.....3:00pm- 5:50pm (CHM 1119) LAB
Th.....3:00pm- 3:50pm (CHE 2136) DIS
3631 MWF.....2:00pm- 2:50pm (CHM 1407) Freeman, D
W.....8:00am-10:50am (CHM 1111) LAB
Th.....3:00pm- 3:50pm (ARM 0118) DIS
3637 MWF.....2:00pm- 2:50pm (CHM 1407) Freeman, D
W.....3:00pm- 5:50pm (CHM 1110) LAB
Th.....3:00pm- 3:50pm (CHM 0124) DIS
3638 MWF.....2:00pm- 2:50pm (CHM 1407) Freeman, D
W.....3:00pm- 5:50pm (CHM 1111) LAB
Th.....3:00pm- 3:50pm (ARM 0120) DIS
3639 MWF.....2:00pm- 2:50pm (CHM 1407) Freeman, D

W.....3:00pm- 5:50pm (CHM 1112) LAB
Th.....3:00pm- 3:50pm (CHM 0119) DIS
3641 MWF.....2:00pm- 2:50pm (CHM 1407) Freeman, D
Th.....8:00am-10:50am (CHM 1109) LAB
Th.....3:00pm- 3:50pm (ARM 0121) DIS
3642 MWF.....2:00pm- 2:50pm (CHM 1407) Freeman, D
Th.....8:00am-10:50am (CHM 1110) LAB
Th.....3:00pm- 3:50pm (CHM 0122) DIS

CHEM104 Fundamentals of Organic and Biochemistry; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Laboratories begin the week of September 12. 4 credits
5114 MWF.....9:00am- 9:50am (CSS 2324) Henery-Logan, K
M.....12:00pm- 2:50pm (CHM 1215) LAB
Tu.....8:00am- 8:50am (EGR 1124) DIS
5117 MWF.....9:00am- 9:50am (CSS 2324) Henery-Logan, K
M.....3:00pm- 5:50pm (CHM 1212) LAB
Tu.....8:00am- 8:50am (EGR 1110) DIS
5124 MWF.....9:00am- 9:50am (CSS 2324) Henery-Logan, K
Tu.....12:00pm- 2:50pm (CHM 1212) LAB
Tu.....8:00am- 8:50am (CHE 2116) DIS
5134 MWF.....9:00am- 9:50am (CSS 2324) Henery-Logan, K
W.....12:00pm- 2:50pm (CHM 1212) LAB
Tu.....9:00am- 9:50am (ARM 0105) DIS
5137 MWF.....9:00am- 9:50am (CSS 2324) Henery-Logan, K
W.....3:00pm- 5:50pm (CHM 1212) LAB
Tu.....9:00am- 9:50am (CHE 2116) DIS
5141 MWF.....9:00am- 9:50am (CSS 2324) Henery-Logan, K
Th.....8:00am-10:50am (CHM 1212) LAB
Tu.....8:00am- 8:50am (ARM 0105) DIS
5144 MWF.....9:00am- 9:50am (CSS 2324) Henery-Logan, K
Th.....12:00pm- 2:50pm (CHM 1215) LAB
Tu.....9:00am- 9:50am (ZOP 1232) DIS
5147 MWF.....9:00am- 9:50am (CSS 2324) Henery-Logan, K
Th.....3:00pm- 5:50pm (CHM 1215) LAB
Tu.....9:00am- 9:50am (ARM 0117) DIS

CHEM105 Principles of General Chemistry I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Registration restricted. High school chemistry plus S.A.T. math score above 660 required. Laboratories begin the week of September 12. 4 credits
0314 MWF.....10:00am-10:50am (CHM 1402) Bellama, J
M.....12:00pm- 2:50pm (CHM 1233) LAB
Th.....8:00am- 8:50am (ARM 0119) DIS
0317 MWF.....10:00am-10:50am (CHM 1402) Bellama, J
M.....3:00pm- 5:50pm (CHM 1233) LAB
Th.....8:00am- 8:50am (CHM 0124) DIS
0321 MWF.....10:00am-10:50am (CHM 1402) Bellama, J
Tu.....8:00am-10:50am (CHM 1233) LAB
Th.....8:00am- 8:50am (ARM 0105) DIS
0324 MWF.....10:00am-10:50am (CHM 1402) Bellama, J
Tu.....12:00pm- 2:50pm (CHM 1233) LAB
Th.....9:00am- 9:50am (ARM 0105) DIS
0327 MWF.....10:00am-10:50am (CHM 1402) Bellama, J
Tu.....3:00pm- 5:50pm (CHM 1233) LAB
Th.....9:00am- 9:50am (PHY 4220) DIS
0334 MWF.....10:00am-10:50am (CHM 1402) Bellama, J
W.....12:00pm- 2:50pm (CHM 1233) LAB
Th.....9:00am- 9:50am (ARM 0117) DIS

CHEM107 Chemistry and Man; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 3 credits
0101 TuTh.....11:00am-12:15pm (CHM 0115) Ponnamperuma, C

CHEM113 General Chemistry II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Laboratories begin the week of September 12. 4 credits
4114 TuTh.....8:00am- 9:15am (CHM 1407) Moore, J
M.....12:00pm- 2:50pm (CHM 1122) LAB
M.....8:00am- 8:50am (CHM 0124) DIS
4117 TuTh.....8:00am- 9:15am (CHM 1407) Moore, J
M.....3:00pm- 5:50pm (CHM 1122) LAB
M.....8:00am- 8:50am (CHE 2145) DIS
4124 TuTh.....8:00am- 9:15am (CHM 1407) Moore, J
Tu.....12:00pm- 2:50pm (CHM 1122) LAB
M.....8:00am- 8:50am (CHE 2118) DIS
4134 TuTh.....8:00am- 9:15am (CHM 1407) Moore, J
W.....12:00pm- 2:50pm (CHM 1122) LAB
W.....8:00am- 8:50am (EGR 0108) DIS
4137 TuTh.....8:00am- 9:15am (CHM 1407) Moore, J
W.....3:00pm- 5:50pm (CHM 1122) LAB
M.....8:00am- 8:50am (CHM 0128) DIS
4144 TuTh.....8:00am- 9:15am (CHM 1407) Moore, J

Th.....12:00pm- 2:50pm (CHM 1122) LAB
W.....8:00am- 8:50am (CHM 0122) DIS
4151 TuTh.....8:00am- 9:15am (CHM 1407) Moore, J
F.....8:00am-10:50am (CHM 1122) LAB
W.....8:00am- 8:50am (CHM 0124) DIS
4152 TuTh.....8:00am- 9:15am (CHM 1407) Moore, J
F.....8:00am-10:50am (CHM 1208) LAB
W.....8:00am- 8:50am (CHE 2118) DIS
4214 TuTh.....11:00am-12:15pm (CHM 1407) Tossell, J
M.....12:00pm- 2:50pm (CHM 1128) LAB
M.....8:00am- 8:50am (HBK 1108) DIS
4217 TuTh.....11:00am-12:15pm (CHM 1407) Tossell, J
M.....3:00pm- 5:50pm (CHM 1128) LAB
M.....8:00am- 8:50am (ARM 0121) DIS
4227 TuTh.....11:00am-12:15pm (CHM 1407) Tossell, J
Tu.....3:00pm- 5:50pm (CHM 1122) LAB
M.....8:00am- 8:50am (ARM 0119) DIS
4234 TuTh.....11:00am-12:15pm (CHM 1407) Tossell, J
W.....12:00pm- 2:50pm (CHM 1128) LAB
W.....8:00am- 8:50am (EGR 3111) DIS
4235 TuTh.....11:00am-12:15pm (CHM 1407) Tossell, J
W.....12:00pm- 2:50pm (CHM 1208) LAB
W.....8:00am- 8:50am (EGR 3102) DIS
4237 TuTh.....11:00am-12:15pm (CHM 1407) Tossell, J
W.....3:00pm- 5:50pm (CHM 1208) LAB
M.....8:00am- 8:50am (CHE 2116) DIS
4247 TuTh.....11:00am-12:15pm (CHM 1407) Tossell, J
Th.....3:00pm- 5:50pm (CHM 1122) LAB
W.....8:00am- 8:50am (ARM 0121) DIS
4248 TuTh.....11:00am-12:15pm (CHM 1407) Tossell, J
Th.....3:00pm- 5:50pm (CHM 1119) LAB
W.....8:00am- 8:50am (CHE 2116) DIS
4251 TuTh.....11:00am-12:15pm (CHM 1407) Tossell, J
F.....8:00am-10:50am (CHM 1128) LAB
W.....8:00am- 8:50am (ARM 0119) DIS
4311 TuTh.....12:30pm- 1:45pm (CHM 1407) STAFF
M.....8:00am-10:50am (CHM 1122) LAB
M.....3:00pm- 3:50pm (ARM 0118) DIS
4321 TuTh.....12:30pm- 1:45pm (CHM 1407) STAFF
Tu.....8:00am-10:50am (CHM 1122) LAB
M.....3:00pm- 3:50pm (EGR 3111) DIS
4327 TuTh.....12:30pm- 1:45pm (CHM 1407) STAFF
Tu.....3:00pm- 5:50pm (CHM 1128) LAB
M.....3:00pm- 3:50pm (CHM 0128) DIS
4328 TuTh.....12:30pm- 1:45pm (CHM 1407) STAFF
Tu.....3:00pm- 5:50pm (CHM 1206) LAB
M.....3:00pm- 3:50pm (CHE 2116) DIS
4331 TuTh.....12:30pm- 1:45pm (CHM 1407) STAFF
W.....8:00am-10:50am (CHM 1122) LAB
W.....3:00pm- 3:50pm (ARM 0118) DIS
4341 TuTh.....12:30pm- 1:45pm (CHM 1407) STAFF
Th.....8:00am-10:50am (CHM 1122) LAB
W.....3:00pm- 3:50pm (EGR 3111) DIS
4342 TuTh.....12:30pm- 1:45pm (CHM 1407) STAFF
Th.....8:00am-10:50am (CHM 1128) LAB
W.....3:00pm- 3:50pm (EGR 0102) DIS
4347 TuTh.....12:30pm- 1:45pm (CHM 1407) STAFF
Th.....3:00pm- 5:50pm (CHM 1128) LAB
W.....3:00pm- 3:50pm (CHM 0128) DIS
4348 TuTh.....12:30pm- 1:45pm (CHM 1407) STAFF
Th.....3:00pm- 5:50pm (CHM 1208) LAB
W.....3:00pm- 3:50pm (CHE 2116) DIS

CHEM233 Organic Chemistry I; Grade Method: REG/P-F/AUD; Laboratories begin the week of September 12. 4 credits
7114 MWF.....9:00am- 9:50am (CHM 1407) Jarvis, B
M.....12:00pm- 2:50pm (CHM 1216) LAB
Tu.....12:00pm-12:50pm (CHM 2201) DIS
7115 MWF.....9:00am- 9:50am (CHM 1407) Jarvis, B
M.....12:00pm- 2:50pm (CHM 1224) LAB
Tu.....12:00pm-12:50pm (CHE 2120) DIS
7117 MWF.....9:00am- 9:50am (CHM 1407) Jarvis, B
M.....3:00pm- 5:50pm (CHM 1216) LAB
Tu.....12:00pm-12:50pm (EGR 3102) DIS
7118 MWF.....9:00am- 9:50am (CHM 1407) Jarvis, B
M.....3:00pm- 5:50pm (CHM 1227) LAB
Tu.....12:00pm-12:50pm (MTH B0429) DIS
7121 MWF.....9:00am- 9:50am (CHM 1407) Jarvis, B
Th.....8:00am-10:50am (CHM 1216) LAB
Tu.....12:00pm-12:50pm (CHE 2145) DIS
7122 MWF.....9:00am- 9:50am (CHM 1407) Jarvis, B
Th.....8:00am-10:50am (CHM 1224) LAB
Tu.....12:00pm-12:50pm (CHE 2116) DIS
7123 MWF.....9:00am- 9:50am (CHM 1407) Jarvis, B
Tu.....8:00am-10:50am (CHM 1227) LAB
Tu.....12:00pm-12:50pm (CHM 0122) DIS
7134 MWF.....9:00am- 9:50am (CHM 1407) Jarvis, B
W.....12:00pm- 2:50pm (CHM 1216) LAB
Tu.....1:00pm- 1:50pm (EGR 3110) DIS
7135 MWF.....9:00am- 9:50am (CHM 1407) Jarvis, B
W.....12:00pm- 2:50pm (CHM 1227) LAB
Tu.....1:00pm- 1:50pm (JMZ 0122) DIS
7137 MWF.....9:00am- 9:50am (CHM 1407) Jarvis, B
W.....3:00pm- 5:50pm (CHM 1216) LAB
Tu.....1:00pm- 1:50pm (MTH 0411) DIS
7138 MWF.....9:00am- 9:50am (CHM 1407) Jarvis, B
W.....3:00pm- 5:50pm (CHM 1224) LAB
Tu.....1:00pm- 1:50pm (EGR 3102) DIS
7141 MWF.....9:00am- 9:50am (CHM 1407) Jarvis, B
Th.....8:00am-10:50am (CHM 1216) LAB
Tu.....1:00pm- 1:50pm (CHE 2145) DIS
7142 MWF.....9:00am- 9:50am (CHM 1407) Jarvis, B
Th.....8:00am-10:50am (CHM 1224) LAB
Tu.....1:00pm- 1:50pm (ZOP 1124) DIS
7143 MWF.....9:00am- 9:50am (CHM 1407) Jarvis, B
Th.....8:00am-10:50am (CHM 1227) LAB
Tu.....1:00pm- 1:50pm (MTH 0106) DIS
7144 MWF.....9:00am- 9:50am (CHM 1407) Jarvis, B
Th.....12:00pm- 2:50pm (CHM 1216) LAB
Tu.....12:00pm-12:50pm (CHE 2140) DIS
7145 MWF.....9:00am- 9:50am (CHM 1407) Jarvis, B
Th.....12:00pm- 2:50pm (CHM 1227) LAB
Tu.....12:00pm-12:50pm (EGR 2112) DIS
7147 MWF.....9:00am- 9:50am (CHM 1407) Jarvis, B
Th.....3:00pm- 5:50pm (CHM 1216) LAB
Tu.....1:00pm- 1:50pm (CHM 0128) DIS
7148 MWF.....9:00am- 9:50am (CHM 1407) Jarvis, B
Th.....3:00pm- 5:50pm (CHM 1227) LAB
Tu.....1:00pm- 1:50pm (MTH B0427) DIS
7214 MWF.....9:00am- 9:50am (CHM 1402) Herndon, J
M.....12:00pm- 2:50pm (CHM 1227) LAB
Tu.....12:00pm-12:50pm (JMZ 2122) DIS
7217 MWF.....9:00am- 9:50am (CHM 1402) Herndon, J
M.....3:00pm- 5:50pm (CHM 1224) LAB
Tu.....12:00pm-12:50pm (SYM 1308) DIS
7234 MWF.....9:00am- 9:50am (CHM 1402) Herndon, J
W.....12:00pm- 2:50pm (CHM 1224) LAB
Tu.....1:00pm- 1:50pm (CHE 2120) DIS
7237 MWF.....9:00am- 9:50am (CHM 1402) Herndon, J
W.....3:00pm- 5:50pm (CHM 1227) LAB
Tu.....1:00pm- 1:50pm (ZOP 1232) DIS
7244 MWF.....9:00am- 9:50am (CHM 1402) Herndon, J
Th.....12:00pm- 2:50pm (CHM 1224) LAB
Tu.....12:00pm-12:50pm (ZOP 1232) DIS
7247 MWF.....9:00am- 9:50am (CHM 1402) Herndon, J
Th.....3:00pm- 5:50pm (CHM 1224) LAB
Tu.....1:00pm- 1:50pm (EGR 1108) DIS

CHEM235 Principles of Organic Chemistry I; Grade Method: REG/P-F/AUD; This course is a more rigorous "upper track" version of CHEM 233. Limited enrollment. Preference given to those with grades of A or B in CHEM 115 or A in CHEM 113 or consent of instructor. Laboratories begin the week of September 12. 4 credits
0741 MWF.....9:00am- 9:50am (CHM 0128) Mariano, P
Th.....8:00am-10:50am (CHM 1233) LAB
Tu.....12:00pm-12:50pm (CHM 0128) DIS
0747 MWF.....9:00am- 9:50am (CHM 0128) Mariano, P
Th.....3:00pm- 5:50pm (CHM 1233) LAB
Tu.....1:00pm- 1:50pm (CHE 2116) DIS

CHEM243 Organic Chemistry II; Grade Method: REG/P-F/AUD; Laboratories begin the week of September 12. 4 credits
8114 MWF.....3:00pm- 3:50pm (CHM 1407) Henery-Logan, K
M.....12:00pm- 2:50pm (CHM 1221) LAB
Th.....12:00pm-12:50pm (CHE 2140) DIS
8121 MWF.....3:00pm- 3:50pm (CHM 1407) Henery-Logan, K
Tu.....8:00am-10:50am (CHM 1221) LAB
Th.....12:00pm-12:50pm (CHE 2120) DIS
8124 MWF.....3:00pm- 3:50pm (CHM 1407) Henery-Logan, K
Tu.....12:00pm- 2:50pm (CHM 1221) LAB
Th.....12:00pm-12:50pm (EGR 3102) DIS
8131 MWF.....3:00pm- 3:50pm (CHM 1407) Henery-Logan, K
W.....8:00am-10:50am (CHM 1221) LAB
Th.....12:00pm-12:50pm (CHE 2116) DIS
8134 MWF.....3:00pm- 3:50pm (CHM 1407) Henery-Logan, K
W.....12:00pm- 2:50pm (CHM 1221) LAB
Th.....1:00pm- 1:50pm (CHM 0128) DIS
8141 MWF.....3:00pm- 3:50pm (CHM 1407) Henery-Logan, K
Th.....8:00am-10:50am (CHM 1221) LAB
Th.....1:00pm- 1:50pm (CHE 2120) DIS
8147 MWF.....3:00pm- 3:50pm (CHM 1407) Henery-Logan, K
Th.....3:00pm- 5:50pm (CHM 1221) LAB
Th.....1:00pm- 1:50pm (EGR 3102) DIS
8151 MWF.....3:00pm- 3:50pm (CHM 1407) Henery-Logan, K
F.....8:00am-10:50am (CHM 1221) LAB
Th.....1:00pm- 1:50pm (CHM 2201) DIS

CHEM287 Computer Programming for the Biological and Chemical Sciences; Grade Method: REG/P-F/AUD; 4 credits
0111 MWF.....3:00pm- 3:50pm (CHM 1402) Munn, R
M.....12:00pm- 3:00pm (Arranged) LAB
0121 MWF.....3:00pm- 3:50pm (CHM 1402) Munn, R
Tu.....12:00pm- 3:00pm (Arranged) LAB
0131 MWF.....3:00pm- 3:50pm (CHM 1402) Munn, R
W.....12:00pm- 3:00pm (Arranged) LAB
0141 MWF.....3:00pm- 3:50pm (CHM 1402) Munn, R
Th.....12:00pm- 3:00pm (Arranged) LAB

CHEM321 Quantitative Analysis; Grade Method: REG/P-F/AUD; 4 credits
0111 MW.....12:00pm-12:50pm (CHM 1402) Kasler, F
MW.....8:00am-11:00am (CHM 3226) LAB
0114 MW.....12:00pm-12:50pm (CHM 1402) Kasler, F
MW.....1:00pm- 4:00pm (CHM 3226) LAB
0121 MW.....12:00pm-12:50pm (CHM 1402) Kasler, F
TuTh.....12:00pm- 3:00pm (CHM 3226) LAB

CHEM374 Technology, Energy and Risk; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 MWF.....11:00am-11:50am (CHM 1402) Gordon, G

CHEM398 (PermReq) Special Projects; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Limited to chemistry honors students. Prior consent of the department required. Consult with Dr. Herndon. 2 credits

CHEM399 (PermReq) Introduction to Chemical Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Research plans must have prior approval from Dr. Herndon. 1-2 credits

CHEM399X Introduction to Chemical Research: Professionalism; Grade Method: REG/P-F/AUD; 1 credit
0101 Th.....11:00am-11:50am (CHM 1402) O'Haver, T

CHEM401 Inorganic Chemistry; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (CHM 0119) Huheey, J

CHEM403 Radiochemistry; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (CHM 0128) Walters, W

CHEM474 Environmental Chemistry; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (CHM 0128) Helz, G

CHEM481 Physical Chemistry I; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....8:00am- 8:50am (CHM 0115) Murphy, T
0201 MWF.....9:00am- 9:50am (CHM 0115) Castellan, G

CHEM482 Physical Chemistry II; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (CHM 0115) Khanna, R

CHEM483 Physical Chemistry Laboratory I; Grade Method: REG/P-F/AUD; 2 credits
0114 M.....2:00pm- 5:00pm (Arranged) LAB Stewart, J
M.....1:00pm- 1:50pm (CHM 1402) DIS
0124 Tu.....2:00pm- 5:00pm (Arranged) LAB STAFF
Tu.....1:00pm- 1:50pm (CHM 1402) DIS
0134 W.....2:00pm- 5:00pm (Arranged) LAB STAFF
W.....1:00pm- 1:50pm (CHM 1402) DIS
0144 Th.....2:00pm- 5:00pm (Arranged) LAB STAFF
Th.....1:00pm- 1:50pm (CHM 1402) DIS

CHEM484 Physical Chemistry Laboratory II; Grade Method: REG/P-F/AUD; 2 credits
0124 Tu.....2:00pm- 5:00pm (Arranged) LAB Weiner, J
Tu.....1:00pm- 1:50pm (CHM 2201) DIS
0134 W.....2:00pm- 5:00pm (Arranged) LAB STAFF
W.....1:00pm- 1:50pm (CHM 2201) DIS

CHEM487 Computer Applications in the Biological and Chemical Sciences; Grade Method: REG/P-F/AUD; One three-hour laboratory period will be arranged. 4 credits
0117 MWF.....11:00am-11:50am (CHM 0128) Murphy, T
Time and room to be arranged LAB
0137 MWF.....11:00am-11:50am (CHM 0128) Murphy, T
Time and room to be arranged LAB

CHEM498A Special Topics in Chemistry: Electronics for Chemists; Grade Method: REG/P-F/AUD; 3 credits
0102 TuTh.....10:00am-10:50am (CHM 0124) O'Haver, T
Tu.....1:00pm- 3:50pm (Arranged) LAB
0104 TuTh.....10:00am-10:50am (CHM 0124) O'Haver, T
Th.....1:00pm- 3:50pm (Arranged) LAB

CHEM498B Special Topics in Chemistry: The Periodic Table D and F Block Elements; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (CHM 0124) — Boyd Jr., A

CHEM601 Advanced Inorganic Chemistry I; Grade Method: REG/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (CHM 2201) — Poli, R

CHEM606 Chemistry of Organometallic Compounds; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (CHM 0128) — Grim, S

CHEM624 Electrical Methods of Quantitative Analysis; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....4:00pm- 5:15pm (CHM 0124) — Durst, R

CHEM641 Organic Reaction Mechanisms; Grade Method: REG/AUD; — 3 credits
0101 MWF.....11:00am-11:50am (CHM 2201) — Deshong, P

CHEM648B Special Topics in Organic Chemistry: Problems in Organic Reaction Mechanisms; Grade Method: REG/AUD; — 1 credit
0101 F.....12:00pm-12:50pm (CHM 2201) — Jarvis, B

CHEM684 Chemical Thermodynamics; Grade Method: REG/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (CHM 2201) — Greer, S

CHEM690 Quantum Chemistry I; Grade Method: REG/AUD; — 3 credits
0101 MWF.....11:00am-11:50am (CHM 0124) — Alexander, M

CHEM699 Special Problems in Chemistry; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Open only to non-thesis Master's degree candidates. — 1-6 credits

CHEM729 Special Topics in Geochemistry: Global Change; Grade Method: REG/AUD; — 2 credits
0101 M.....4:00pm- 5:40pm (CHM 0128) — Ponnamperuma, C

CHEM799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

CHEM898A Seminar: Analytical, Nuclear and Environmental; Grade Method: REG/AUD; — 1 credit
0101 F.....3:00pm- 3:50pm (CHM 0128) — Kasler, F

CHEM898C Seminar: Inorganic; Grade Method: REG/AUD; — 1 credit
0101 Tu.....4:00pm- 6:00pm (Arranged) — Huheey, J

CHEM898D Seminar: Organic; Grade Method: REG/AUD; — 1 credit
0101 Tu.....4:00pm- 6:00pm (CHM 0122) — Mazzocchi, P

CHEM898E Seminar: Physical Chemistry; Grade Method: REG/AUD; — 1 credit
0101 W.....4:00pm- 6:00pm (CHM 1325) — Greer, S

CHEM898F Seminar: Chemical Physics; Grade Method: REG/AUD; — 1 credit
0101 W.....4:00pm- 6:00pm (CHM 1325) — Greer, S

CHEM898G Seminar: Polymers; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged — Bailey, W

CHEM898J Seminar: Natural Products; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged — Jarvis, B

CHEM898K Seminar: Photochemistry Mechanistics; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged — Mariano, P

CHEM898L Seminar: Photochemistry; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged — Mazzocchi, P

CHEM898N Seminar: Phosphorus Chemistry; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged — Grim, S

CHEM898O Seminar: Natural Water; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged — Helz, G

CHEM898P Seminar: Chemical Evolution; Grade Method: REG/AUD; — 1 credit
0101 W.....4:00pm- 4:50pm (Arranged) — Ponnamperuma, C

CHEM898Q Seminar: Bioorganic Mechanisms; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged — Kozarich, J

CHEM898R Seminar: Environmental Inorganic Chemistry; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged — Bellama, J

CHEM899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

CHIN Chinese (Arts and Humanities)

CHIN101 Intensive Elementary Chinese I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 6 credits
0101 MWF.....9:00am- 9:50am (HBK 0105) — Chin, T
MWF.....10:00am-10:50am (HBK 0105) DIS
0102 MWF.....9:00am- 9:50am (HBK 0105) — Chin, T
MWF.....10:00am-10:50am (HBK 0113) DIS
0201 MWF.....12:00pm-12:50pm (COL 3111) — Shen, H
MWF.....1:00pm- 1:50pm (COL 3111) DIS
0202 MWF.....12:00pm-12:50pm (COL 3111) — Shen, H
MWF.....1:00pm- 1:50pm (COL 3114) DIS

CHIN201 Intermediate Spoken Chinese I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 1109) — Sargent, S

CHIN202 Intermediate Written Chinese I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 MWF.....10:00am-10:50am (JMZ 2206) — STAFF

CHIN301 Advanced Chinese I; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....11:00am-11:50am (JMZ 1124) — Yee, A

CHIN303 Business Chinese I; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....2:00pm- 2:50pm (JMZ 2117) — Shen, H

CHIN315 Modern Chinese Literature in Translation; Grade Method: REG; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits
0101 MWF.....10:00am-10:50am (COL 3111) — Yee, A

CHIN388 Topics in Chinese Literature in Translation: Chinese Poetry into English - An Introduction; Grade Method: REG; — 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 0202) — Sargent, S

CHIN401 Readings in Modern Chinese I; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....11:00am-11:50am (JMZ 1123) — Sargent, S

CHIN421 Sounds and Transcriptions of Mandarin Chinese; Grade Method: REG/P-F/AUD; — 3 credits
0101 W.....3:00pm- 5:30pm (JMZ 1123) — Chin, T

CHIN499 (PermReq) Directed Study in Chinese; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

---

CHPH Chemical Physics (Comp, Math, & Phys Sci)

CHPH709A Seminar in Chemical Physics: Physical Chemistry; Grade Method: REG/AUD; — 1 credit
0101 W.....4:00pm- 6:00pm (CHM 1325) — Greer, S

CHPH709B Seminar in Chemical Physics: Statistical Physics Seminar; Grade Method: REG/AUD; — 1 credit
0101 Tu.....1:00pm- 1:50pm (Arranged) — Sengers, J

CHPH799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

CHPH899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

CJUS Institute of Criminal Justice and Criminology (Behavior & Social Sci)

CJUS100 Introduction to Law Enforcement; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits
0101 TuTh.....8:00am- 9:15am (LEF 2205) — Miller, S
0201 MWF.....11:00am-11:50am (ARM 0126) — Brooks, L
0301 MWF.....2:00pm- 2:50pm (LEF 2205) — STAFF
0401 TuTh.....2:00pm- 3:15pm (SHM 2102) — Katzenelson, S
0501 TuTh.....11:00am-12:15pm (JMZ 0220) — Miller, S

CJUS220 Investigation in Law Enforcement; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....8:00am- 9:15am (ARM 0126) — Verchot, J

CJUS230 Criminal Law in Action; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 0220) — Ingraham, B
0201 TuTh.....2:00pm- 3:15pm (TYD 1102) — Verchot, J

CJUS234 Criminal Procedure and Evidence; Grade Method: REG/P-F/AUD; Prerequisite: CJUS 230. — 3 credits
0101 TuTh.....9:30am-10:45am (ARM 0135) — Verchot, J

CJUS300 Criminological and Criminal Justice Research Methods; Grade Method: REG; Prerequisites: CJUS 100, CRIM 220, and one of the following: SOCY 201, PSYC 200, ECON 421, EDMS 451, GVPT 422 or BMGT 230. — 3 credits
0101 MWF.....1:00pm- 1:50pm (TYD 1102) — Brooks, L
0201 MWF.....10:00am-10:50am (LEF 2208) — Brooks, L
0301 TuTh.....9:30am-10:45am (LEF 0221) — Loftin, C

CJUS320 Introduction to Criminalistics; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....6:00pm- 7:15pm (LEF 2166) — Mauriello, T
MW.....6:00pm- 7:15pm (LEF 0208) LAB
0201 MW.....7:30pm- 8:45pm (LEF 2166) — Mauriello, T
MW.....7:30pm- 8:45pm (LEF 0208) LAB

CJUS340 Concepts of Law Enforcement Administration; Grade Method: REG/P-F/AUD; Prerequisite: CJUS 100 or equivalent. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (SHM 2102) — Uchida, C

CJUS350 Law Enforcement-Community Relations; Grade Method: REG/P-F/AUD; Prerequisite: CJUS 100 or equivalent. — 3 credits
0101 TuTh.....9:30am-10:45am (MCB 1207) — Uchida, C

CJUS386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: Have junior standing by August 1988; have a 3.2 cumulative GPA, earned a grade of "A" in the course in which assisting. — 1-3 credits

CJUS387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: Have junior standing by August 1988, have a 3.2 cumulative GPA, earned a grade of "A" in the course in which assisting. — 1-3 credits

CJUS388H (PermReq) Independent Reading in Law Enforcement: Independent Reading Course in Criminal Justice; Grade Method: REG; For honor students only. — 3 credits
0101 W.....3:00pm- 4:30pm (LEF 2220R) — Wellford, C
Time and room to be arranged DIS
0501 W.....3:00pm- 4:30pm (LEF 2220R) — Ingraham, B
Time and room to be arranged DIS

CJUS389H (PermReq) Independent Research in Law Enforcement; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. For Honors students only. — 3 credits

CJUS398 (PermReq) Law Enforcement Field Training; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisites: junior standing, majors only. — 1-3 credits

CJUS399 (PermReq) Directed Independent Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisites: senior standing, majors only. — 1-3 credits

CJUS400 Criminal Courts; Grade Method: REG; Prerequisite: CJUS 100 or consent of instructor. — 3 credits
0101 MWF.....11:00am-11:50am (TLF 0124) — Ingraham, B

CJUS498A Selected Topics in Criminal Justice: Re-Inventing the Police; Grade Method: REG/AUD; — 1-3 credits
0101 Tu.....4:00pm- 7:00pm (LEF 1222) — Sherman, L

CJUS498C (PermReq) Selected Topics in Criminal Justice: Police and Campus Interaction; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....3:30pm- 4:45pm (LEF 1201) — Wellford, C

CJUS498D Selected Topics in Criminal Justice: Fundamental for Criminological Research; Grade Method: REG; — 3 credits
0101 M.....4:00pm- 6:45pm (LEF 1220) — Smith, D

CJUS600 Criminal Justice; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:00pm- 6:45pm (LEF 1222) — Paternoster, R

CJUS699 (PermReq) Special Problems in Criminal Justice; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

CJUS699A Special Problems in Criminal Justice: Re-Inventing the Police; Grade Method: REG/AUD; — 1-3 credits
0101 Tu.....4:00pm- 7:00pm (LEF 1222) — Sherman, L

CJUS799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

---

CLAS Classics (Arts and Humanities)

The Classics department has adopted a new four-letter prefix (CLAS) which will serve to mark off in-translation courses from the courses in the Greek and Latin languages. Students who have previously taken one or more of these courses as a GREK or LATN course will not receive credit for taking them again as a CLAS course. CLAS courses do not count toward a major in Latin or a concentration in Greek.

CLAS170 Greek and Roman Mythology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Taught in English. — 3 credits
0101 MWF.....12:00pm-12:50pm (SHM 2102) — Duffy, J

CLAS270 Greek Literature in Translation; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 0105) — Stehle, E

CLAS320 Women in Classical Antiquity; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits
0101 MWF.....1:00pm- 1:50pm (HZF 1102) — Doherty, L

CLAS470 Advanced Greek and Roman Mythology; Grade Method: REG/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: CLAS 170. — 3 credits
0101 MWF.....1:00pm- 1:50pm (HZF 1106) — Staley, G
0201 MWF.....2:00pm- 2:50pm (HZF 1106) — Staley, G

CLAS620 Classical Epic; Grade Method: REG/AUD; — 3 credits
0101 M.....6:00pm- 8:40pm (JMZ 3118) — Doherty, L

CLAS699 (PermReq) Independent Study in Classical Civilization: Classical Civilization; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

---

CMLT Comparative Literature (Arts and Humanities)

CMLT430 Literature of the Middle Ages; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 1215) — STAFF

CMLT462 Romanticism: Flowering and Influence; Grade Method: REG/P-F/AUD; Taught in German. — 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 2120) — Mossman, C

CMLT479 Major Contemporary Authors: La Literature Francophone; Grade Method: REG/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (JMZ 3118) — Black, C

CMLT479A Major Contemporary Authors: Modern Japanese Theatre; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 1211) — Rimer, T

CMLT479B Major Contemporary Authors: Modern Chinese Literature; Grade Method: REG; — 3 credits
0101 MWF.....10:00am-10:50am (COL 3111) — Yee, A

CMLT479C Major Contemporary Authors: Portuguese Literature in Translation; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (JMZ 1125) — Igel, R

CMLT488A Genres: Modern British and American Poetry; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (TLF 2110) — Holton, W

CMLT488B (PermReq) Genres: Film Criticism and Theory; Grade Method: REG; — 3 credits
0101 MW.....1:00pm- 1:50pm (TWS 0138) — Marchetti, G
F.....1:00pm- 3:00pm (TWS 2154) LAB

CMLT488C (PermReq) Genres: Dramatic Writing for Broadcasting and Film; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (TWS 0138) — Blum, R

CMLT488D Genres: Arthurian Legend; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (TLF 1101) — Herman, H

CMLT489 Major Writers: Francophone Women Writers; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 2120) — Hage, M

CMLT498A Selected Topics in Comparative Literature: The Holocaust in Film and Literature; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....2:00pm- 4:00pm (JMZ 0220) — Bilik, D

CMLT498C Selected Topics in Comparative Literature: Topics in German Culture: Reason and Faith; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMZ 3203) — Best, O

CMLT498E Selected Topics in Comparative Literature: German Naturalism; Grade Method: REG/P-F/AUD; In German. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMZ 3207) — Beicken, P

CMLT498F (PermReq) Selected Topics in Comparative Literature: Classical and Medieval Rhetorical Theory; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....4:00pm- 5:15pm (TWS 0138) — Gaines, R

CMLT498G (PermReq) Selected Topics in Comparative Literature: Contemporary American Cinema; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....11:00am- 1:45pm (TWS 2154) — Robinson, E

CMLT498I (PermReq) Selected Topics in Comparative Literature: Ideology and Relations Between the Sexes; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....8:00am- 9:15am (JMZ 2125) — MacBain, W
Th.....9:30am-10:30am (JMZ 2102) DIS

CMLT498J Selected Topics in Comparative Literature: Italian Cinema; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....2:00pm- 4:00pm (JMZ 0220) — Falvo, G
W.....2:00pm- 4:00pm (JMZ 2102)

CMLT498K Selected Topics in Comparative Literature: History of Anti-Semitism; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (KEY 0124) — Harris, J

CMLT498L Selected Topics in Comparative Literature: Sociology of the Arts; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....12:00pm-12:50pm (ASY 3221) — Clignet, R

CMLT498O Selected Topics in Comparative Literature: History of European Ideas; Grade Method: REG/P-F/AUD; — 3 credits
0101 W.....2:00pm- 4:00pm (KEY 2119) — Haber, F
Time and room to be arranged DIS

CMLT601 (PermReq) Problems in Comparative Literature; Grade Method: REG/AUD; — 3 credits
0101 M.....4:30pm- 6:30pm (JMZ 4223) — Heyndels, R

CMLT632 The Medieval Romance; Grade Method: REG/AUD; — 3 credits
0101 Tu.....2:00pm- 4:30pm (JMZ 3118) — MacBain, W

CMLT639A Studies in the Renaissance: Seminar in Nothern Renaissance Art; Grade Method: REG/AUD; — 3 credits
0101 Tu.....3:30pm- 6:00pm (ASY 4306) — Caswell, J

CMLT639B (PermReq) Studies in the Renaissance: Elizabethan Stage; Grade Method: REG/AUD; — 3 credits
0101 M.....4:00pm- 6:00pm (TLF 2137) — Trousdale, M
Time and room to be arranged DIS

CMLT649A Studies in Eighteenth Century Literature: Rousseau; Grade Method: REG/AUD; — 3 credits
0101 M.....2:00pm- 4:30pm (JMZ 3118) — Therrien, M

CMLT649B Studies in Eighteenth Century Literature: France 1770-1792: Old Regime and Revolution; Grade Method: REG/AUD; — 3 credits
0101 Tu.....7:00pm- 9:00pm (Arranged) — Sutherland, D
Time and room to be arranged DIS

CMLT658 Studies in Romanticism: German Lyric Poetry; Grade Method: REG/AUD; In German. — 3 credits
0101 Tu.....5:00pm- 7:30pm (JMZ 3203) — Beicken, P

CMLT679A Seminar in Modern and Contemporary Literature: Readings in American Literature, 1865-1914; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:00pm- 6:00pm (TLF 1103) — Caramello, C
Time and room to be arranged DIS

CMLT679B Seminar in Modern and Contemporary Literature: Modern European Intellectual History; Grade Method: REG/AUD; — 3 credits
0101 M.....4:00pm- 6:00pm (KEY 1118) — Haber, F
Time and room to be arranged DIS

CMLT679C (PermReq) Seminar in Modern and Contemporary Literature: Film and Literature; Grade Method: REG/AUD; — 3 credits
0101 Time and room to be arranged — Lifton, M

CMLT679D (PermReq) Seminar in Modern and Contemporary Literature: French Thought and Culture in the Thirties; Grade Method: REG/AUD; — 3 credits
0101 Th.....2:00pm- 4:30pm (JMZ 3118) — Hage, M

CMLT679G Seminar in Modern and Contemporary — 3 credits

(PermReq) Literature: Contemporary European Directors; Grade Method: REG/AUD;
0101 M.....3:00pm- 7:00pm (TWS 0154) Kolker, R

CMLT679I (PermReq) Seminar in Modern and Contemporary Literature: Visual Communication; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:00pm- 6:40pm (TWS 0154) Aylward, T

CMLT679K (PermReq) Seminar in Modern and Contemporary Literature: Nineteenth Century Literature; Grade Method: REG/AUD; — 3 credits
0101 M.....7:00pm- 9:00pm (TLF 2137) Cate, G
Time and room to be arranged DIS

CMLT679L (PermReq) Seminar in Modern and Contemporary Literature: Fitzgerald and Hemingway; Grade Method: REG/AUD; — 3 credits
0101 Tu.....7:00pm- 9:00pm (TLF 0135) Bryer, J
Time and room to be arranged DIS

CMLT679M (PermReq) Seminar in Modern and Contemporary Literature: Conrad, Forester and Lawrence; Grade Method: REG/AUD; — 3 credits
0101 W.....7:00pm- 9:00pm (TLF 3100) Panichas, G
Time and room to be arranged DIS

CMLT679N (PermReq) Seminar in Modern and Contemporary Literature: Modernism; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:00pm- 6:00pm (TLF 3100) Holton, W
Time and room to be arranged DIS

CMLT679O (PermReq) Seminar in Modern and Contemporary Literature: The Age of Opera: Berliez, Verdi and Wagner; Grade Method: REG/AUD; — 3 credits
0101 Time and room to be arranged Bentley, E

CMLT679Q (PermReq) Seminar in Modern and Contemporary Literature: Performing Samuel Beckett: A Master Class; Grade Method: REG/AUD; — 3 credits
0101 Time and room to be arranged Bentley, E

CMLT679R Seminar in Modern and Contemporary Literature: East-West Cultural Connections; Grade Method: REG/AUD; — 3 credits
0101 Th.....7:00pm- 9:40pm (TLF 2108) Caughey, J

CMLT679S (PermReq) Seminar in Modern and Contemporary Literature: America at the Turn of the Century; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:00pm- 6:40pm (TLF 2108) Diner, H

CMLT679T (PermReq) Seminar in Modern and Contemporary Literature: Sociology of Third World Development; Grade Method: REG/AUD; — 3 credits
0101 W.....3:30pm- 6:00pm (ASY 4111) Clignet, R

CMLT679U (PermReq) Seminar in Modern and Contemporary Literature: Readings in the History of Rhetoric Theory to 1900; Grade Method: REG/AUD; — 3 credits
0101 Tu.....7:00pm- 9:00pm (TLF 2137) Coogan, R
Time and room to be arranged DIS

CMLT679V Seminar in Modern and Contemporary Literature: Development of European and American Sociological Theory; Grade Method: REG/AUD; — 3 credits
0101 W.....3:30pm- 6:00pm (ASY 1117) Brown, R

CMLT682 (PermReq) Literary Criticism: Renaissance and Modern; Grade Method: REG/AUD; — 3 credits
0101 W.....6:00pm- 8:00pm (TLF 2137) Barry, J
Time and room to be arranged DIS

CMLT799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

CMLT801 (PermReq) Seminar in Themes and Types; Grade Method: REG/AUD; — 3 credits
0101 M.....6:00pm- 8:40pm (JMZ 3118) Doherty, L

CMLT899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

CMSC Computer Science (Comp, Math, & Phys Sci)

CMSC103 Introduction to Computing; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....12:00pm-12:50pm (CSS 2324) Kaye, G
0201 MWF.....1:00pm- 1:50pm (CSS 2324) Kaye, G

CMSC103L (PermReq) Introduction to Computing; Grade Method: REG/P-F/AUD; Restricted to Liberal Arts in Business students. Permission of Arts and Humanities Dean. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMZ 1202) Wang, X

CMSC110 Introduction to Fortran Programming; Grade Method: REG/P-F/AUD; CMSC majors need CMSC 112. — 4 credits
0101 TuTh.....9:30am-10:45am (CLB 0111) Williams, J
MW.....12:00pm-12:50pm (CLB 0104) DIS
0102 TuTh.....9:30am-10:45am (CLB 0111) Williams, J
MW.....1:00pm- 1:50pm (CLB 0109) DIS
0103 TuTh.....9:30am-10:45am (CLB 0111) Williams, J
MW.....4:00pm- 4:50pm (CLB 0104) DIS

CMSC112 Computer Science I; Grade Method: REG/P-F/AUD; MATH 140 is corequisite. — 4 credits
0101 TuTh.....8:00am- 9:15am (CSS 2324) Stotts, D
WF.....9:00am- 9:50am (CSS 2330) LAB
0102 TuTh.....8:00am- 9:15am (CSS 2324) Stotts, D
WF.....9:00am- 9:50am (CSS 2352) LAB
0103 TuTh.....8:00am- 9:15am (CSS 2324) Stotts, D
WF.....10:00am-10:50am (CSS 2330) LAB
0104 TuTh.....8:00am- 9:15am (CSS 2324) Stotts, D
WF.....10:00am-10:50am (CSS 2352) LAB
0105 TuTh.....8:00am- 9:15am (CSS 2324) Stotts, D
WF.....11:00am-11:50am (CSS 2330) LAB
0201 TuTh.....11:00am-12:15pm (CSS 2324) Stotts, D
WF.....11:00am-11:50am (CSS 2352) LAB
0202 TuTh.....11:00am-12:15pm (CSS 2324) Stotts, D
WF.....12:00pm-12:50pm (CSS 2330) LAB
0203 TuTh.....11:00am-12:15pm (CSS 2324) Stotts, D
WF.....12:00pm-12:50pm (CSS 2352) LAB
0204 TuTh.....11:00am-12:15pm (CSS 2324) Stotts, D
WF.....1:00pm- 1:50pm (CSS 2330) LAB
0205 TuTh.....11:00am-12:15pm (CSS 2324) Stotts, D
WF.....1:00pm- 1:50pm (CSS 2352) LAB

CMSC113 Computer Science II; Grade Method: REG/P-F/AUD; MATH 141 is corequisite. — 4 credits
0101 TuTh.....9:30am-10:45am (CSS 2324) Zelkowitz, M
WF.....8:00am- 8:50am (CLB 0109) LAB
0102 TuTh.....9:30am-10:45am (CSS 2324) Zelkowitz, M
WF.....9:00am- 9:50am (CLB 0109) LAB
0103 TuTh.....9:30am-10:45am (CSS 2324) Zelkowitz, M
WF.....10:00am-10:50am (CLB 0109) LAB
0104 TuTh.....9:30am-10:45am (CSS 2324) Zelkowitz, M
WF.....2:00pm- 2:50pm (CSS 2330) LAB
0106 TuTh.....9:30am-10:45am (CSS 2324) Zelkowitz, M
WF.....3:00pm- 3:50pm (CSS 2330) LAB

CMSC120 Introduction to Pascal Programming; Grade Method: REG/P-F/AUD; — 4 credits
0101 TuTh.....8:00am- 9:15am (CLB 0102) Williams, J
WF.....1:00pm- 1:50pm (CLB 0102) DIS

CMSC211 Assembly Language Programming; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 2:50pm (CHE 2110) Park, C
MW.....12:00pm-12:50pm (CLB 0111) DIS
0102 TuTh.....2:00pm- 2:50pm (CHE 2110) Park, C
MW.....1:00pm- 1:50pm (CLB 0111) DIS

CMSC220 Introduction to File Processing; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (CLB 0111) Eastman, R

CMSC250 Introduction to Discrete Structures; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (CLB 0111) Atchison, W
0401 TuTh.....9:30am-10:45am (CHM 0119) Fontecilla, R

CMSC311 (PermReq) Computer Organization; Grade Method: REG; — 3 credits
0301 TuTh.....12:30pm- 1:45pm (CLB 0111) Chu, Y

CMSC330 (PermReq) Organization of Programming Languages; Grade Method: REG; — 3 credits
0101 MW.....2:00pm- 2:50pm (CLB 0111) Furuta, R
F.....10:00am-10:50am (CLB 0102) DIS
0102 MW.....2:00pm- 2:50pm (CLB 0111) Furuta, R
F.....11:00am-11:50am (CLB 0102) DIS
0103 MW.....2:00pm- 2:50pm (CLB 0111) Furuta, R
F.....12:00pm-12:50pm (CLB 0104) DIS
0104 MW.....2:00pm- 2:50pm (CLB 0111) Furuta, R
F.....1:00pm- 1:50pm (CLB 0104) DIS

CMSC386 (PermReq) Field Work; Grade Method: REG/P-F; Individual Instruction course: contact department or instructor to obtain section number. Need faculty sponsor first. — 1 credit

CMSC387 (PermReq) Field Work Analysis; Grade Method: REG/P-F; Individual Instruction course: contact department or instructor to obtain section number. Need faculty sponsor first. — 2 credits

CMSC390 (PermReq) Honors Paper; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

CMSC411 (PermReq) Computer System Architecture; Grade Method: REG; — 3 credits
0101 TuTh.....9:30am-10:45am (EGR 2107) Ricart, G
0201 TuTh.....3:30pm- 4:45pm (CHE 2145) Park, C
0301 TuTh.....4:30pm- 5:45pm (CLB 0102) Schultz, M

CMSC412 (PermReq) Operating Systems; Grade Method: REG; — 3 credits
0201 TuTh.....11:00am-12:15pm (CLB 0102) Carson, S

CMSC420 (PermReq) Data Structures; Grade Method: REG; — 3 credits
0101 TuTh.....3:30pm- 4:45pm (EGR 2107) Knott, G
0501 TuTh.....6:00pm- 7:15pm (CLB 0102) Shapiro, B
0601 MWF.....10:00am-10:50am (CHM 0124) Eastman, R
0701 MWF.....2:00pm- 2:50pm (CSS 2352) Eastman, R

CMSC421 (PermReq) Introduction to Artificial Intelligence; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (CLB 0102) Hendler, J

CMSC424 (PermReq) Database Design; Grade Method: REG; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (CLB 0104) Minker, J
0201 TuTh.....12:30pm- 1:45pm (CLB 0109) Christensen, L
0301 TuTh.....2:00pm- 3:15pm (EGR 2107) Sellis, T

CMSC430 (PermReq) Theory of Language Translation; Grade Method: REG; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (CSS 2330) Purtilo, J
0201 TuTh.....8:00am- 9:15am (EGR 2107) Barth, C

CMSC435 (PermReq) Software Design and Development; Grade Method: REG; — 3 credits
0101 TuTh.....3:30pm- 4:45pm (CSS 2330) Baker, F

CMSC450 (PermReq) Elementary Logic and Algorithms; Grade Method: REG; — 3 credits
0101 MW.....1:00pm- 2:15pm (CLB 0104) Smith, C
0301 MWF.....1:00pm- 1:50pm (MTH 0403) Lopez-Escobar,

CMSC451 (PermReq) Design and Analysis of Computer Algorithms; Grade Method: REG/P-F/AUD; — 3 credits
0101 WF.....10:30am-11:45am (EGR 2107) Amir, A
0201 TuTh.....2:00pm- 3:15pm (CLB 0111) Gasarch, W

CMSC452 (PermReq) Elementary Theory of Computation; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (CLB 0104) Edmundson, H

CMSC456 (PermReq) Data Encryption and Security; Grade Method: REG/P-F/AUD; Prerequisites: CMSC 420, 451. — 3 credits
0101 TuTh.....11:00am-12:15pm (CLB 0104) Edmundson, H

CMSC460 (PermReq) Computational Methods; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (MTH 0405) Osborn, J
0201 TuTh.....12:30pm- 1:45pm (CHM 0127) Oleary, D

CMSC466 (PermReq) Introduction to Numerical Analysis I; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....3:30pm- 4:45pm (MTH 0403) Babuska, I
0201 TuTh.....2:00pm- 3:15pm (ITV 1111) Fontecilla, R

CMSC475 (PermReq) Combinatorics and Graph Theory; Grade Method: REG/P-F; — 3 credits
0101 TuTh.....3:30pm- 4:45pm (MTH 1311) Vogelius, M

CMSC498A (PermReq) Special Problems in Computer Science; Grade Method: REG/P-F; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

CMSC498C (PermReq) Special Problems in Computer Science: Computer Graphics; Grade Method: REG/AUD; — 1-3 credits
0101 TuTh.....9:30am-10:45am (CLB 0104) Mount, D

CMSC498R (PermReq) Special Problems in Computer Science: Connectionist Models of Intelligent Systems; Grade Method: REG/AUD; — 1-3 credits
0101 Th.....2:00pm- 4:45pm (MTH 0407) Reggia, J

CMSC498S (PermReq) Special Problems in Computer Science: User Interface Design; Grade Method: REG/AUD; — 1-3 credits
0101 TuTh.....9:30am-10:45am (CLB 0109) Shneiderman, B

CMSC612 (PermReq) Computer Systems Theory; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (CLB 0102) Shankar, A

CMSC620 (PermReq) Problem Solving Methods in Artificial Intelligence; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....3:30pm- 4:45pm (CLB 0104) Kanal, L

CMSC624 (PermReq) Database Management Systems; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (CSS 2352) Roussopoulos, N

CMSC630 (PermReq) Theory of Programming Languages; Grade Method: REG/AUD; — 3 credits
0101 MW.....2:30pm- 3:45pm (CLB 0109) Gannon, J

CMSC650 (PermReq) Theory of Computing; Grade Method: REG/AUD; — 3 credits
0101 WF.....9:00am-10:15am (EGR 2107) Amir, A

CMSC666 (PermReq) Numerical Analysis I; Grade Method: REG/AUD; — 3 credits
0101 MWF.....2:00pm- 2:50pm (MTH 0405) Arnold, D

CMSC711 (PermReq) Computer Networks; Grade Method: REG/AUD; Prerequisite: CMSC 412. — 3 credits
0101 MW.....11:00am-12:15pm (CLB 0109) Jalote, P

CMSC712 (PermReq) Distributed Algorithms and Verification; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (CLB 0102) Agrawala, A

CMSC735 (PermReq) A Quantitative Approach to Software Management and Engineering; Grade Method: REG/AUD; — 3 credits
0101 MW.....2:30pm- 3:45pm (CLB 0104) Rombach, H

CMSC751 (PermReq) Parallel Algorithms; Grade Method: REG/AUD; Prerequisite: CMSC 451. — 3 credits
0101 WF.....10:30am-11:45am (CLB 0104) Kruskal, C

CMSC770 (PermReq) Advanced Linear Numerical Analysis; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (CLB 0109) Elman, H

CMSC798A (PermReq) Graduate Seminar in Computer Science; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

CMSC799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

CMSC818A (PermReq) Advanced Topics in Computer Systems; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

CMSC818T (PermReq) Advanced Topics in Computer Systems: High Performance Computer Systems; Grade Method: REG/AUD; — 1-3 credits
0101 TuTh.....11:00am-12:15pm (CSS 2352) Tripathi, S

CMSC828A (PermReq) Advanced Topics in Information Processing; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

CMSC828C (PermReq) Advanced Topics in Information Processing: Computer Graphics; Grade Method: REG/AUD; — 1-3 credits
0101 TuTh.....9:30am-10:45am (CLB 0104) Mount, D

CMSC828F (PermReq) Advanced Topics in Information Processing: Advanced Databases: File Structures; Grade Method: REG/AUD; — 1-3 credits
0101 W.....2:00pm- 5:00pm (CLB 0102) Faloutsos, C

CMSC828K (PermReq) Advanced Topics in Information Processing: Uncertainty in Artificial Intelligence; Grade Method: REG/AUD; — 1-3 credits
0101 M.....6:30pm- 9:00pm (CLB 0104) Kanal, L

CMSC828N (PermReq) Advanced Topics in Information Processing: Artificial Intelligence For Planning in Automated Manufacturing; Grade Method: REG/AUD; Prerequisite: CMSC 620 or consent of instructor. — 1-3 credits
0101 TuTh.....11:00am-12:15pm (CSS 2330) Nau, D

CMSC828R (PermReq) Advanced Topics in Information Processing: Connectionist Models of Intelligent Systems; Grade Method: REG/AUD; — 1-3 credits
0101 Th.....2:00pm- 4:45pm (MTH 0407) Reggia, J

CMSC828S (PermReq) Advanced Topics in Information Processing: User Interface Design; Grade Method: REG/AUD; — 1-3 credits
0101 TuTh.....9:30am-10:45am (CLB 0109) Shneiderman, B

CMSC828Y (PermReq) Advanced Topics in Information Processing: Learning and Dynamic Path Planning; Grade Method: REG/AUD; — 1-3 credits
0101 TuTh.....2:00pm- 3:15pm (CSS 2352) Aloimonos, J

CMSC838A (PermReq) Advanced Topics in Programming Languages; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

CMSC838G (PermReq) Advanced Topics in Programming Languages: Requirements Analysis, Security, Testing and Other Good Stuff; Grade Method: REG/AUD; — 1-3 credits
0101 M.....10:00am-12:30pm (CLB 0102) Gannon, J

CMSC838J (PermReq) Advanced Topics in Programming Languages: Advanced Topics in Languages, Translaiors and Environments; Grade Method: REG/AUD; — 1-3 credits
0101 TuTh.....9:30am-10:45am (CSS 2352) Johnson, G

CMSC858A (PermReq) Advanced Topics in Theory of Computing; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

CMSC878A (PermReq) Advanced Topics in Numerical Methods; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

CMSC899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

CNEC Consumer Economics (Human Ecology)

CNEC100 Introduction to Consumer Economics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits
0301 MWF.....12:00pm-12:50pm (MMH 1400) STAFF
0401 TuTh.....9:30am-10:45am (MMH 1400) STAFF

CNEC310 Consumer Economics and Public Policy; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisites: ECON 201 and 203. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (MMH 1304) Soberon-Ferrer,

CNEC396 (PermReq) Field Work and Analysis in Consumer Economics; Grade Method: S-F; Limited to department majors. — 3-6 credits
0101 Time and room to be arranged Dardis, R

CNEC400 Research Methods; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (MMH 0108) Verma, S

CNEC410 Consumer Finance; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Course will be offered in fall only. Prerequisites: ECON 201 and 203. — 3 credits
0101 MWF.....11:00am-11:50am (MMH 1304) Soberon-Ferrer,

CNEC431 The Consumer and the Law; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Limited to juniors and seniors only. — 3 credits
0101 M.....6:00pm- 8:30pm (MMH 1400) Powell, C
0301 Tu.....6:00pm- 8:30pm (MMH 1400) Goldberg, F
0401 W.....6:30pm- 9:00pm (MMH 1400) Ensor, B
0601 Th.....3:30pm- 6:00pm (MMH 1400) Brannigan, V

CNEC437 Consumer Behavior; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisites: PSYC 100 and SOCY 100. Limited to juniors and seniors only. — 3 credits
0201 TuTh.....11:00am-12:15pm (ARM 0116) Ettenson, R
0301 Tu.....2:00pm- 4:30pm (ARM 0117) Morris, L

CNEC456 Product Liability and Government Regulation; Grade Method: REG/P-F/AUD; Course will not be offered in spring semester. — 3 credits
0101 W.....3:00pm- 5:30pm (MMH 1304) Brannigan, V

CNEC457 Product Safety; Grade Method: REG/P-F/AUD; Course will not be offered in spring semester. — 3 credits
0101 M.....6:00pm- 8:30pm (MMH 1304) Stone, E

CNEC488 (PermReq) Senior Honors Thesis; Grade Method: S-F; Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits

CNEC498 (PermReq) Special Studies; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 2-4 credits

---

COOP Cooperative Education Program (Undergraduate Studies)

COOP098 Co-Op Work Experience I; Grade Method: S-F; Student must register for COOP 099 concurrently. Permission of Co-op Coordinator required. Obtain signature and more information at Experiential Learning Programs, 0119 Hornbake Library. For special fees, see the Financial Information section of the Schedule of Classes. — No credit
0101 Time and room to be arranged Mintz, S

COOP099 Co-Op Work Experience II; Grade Method: S-F; Student must register for COOP 098 concurrently. Permission of Co-op co-ordinator required. Obtain signature and more information at Experiential Learning Programs, 0119 Hornbake Library. For special fees see the Financial Information section of the Schedule of Classes. — No credit
0101 Time and room to be arranged Mintz, S

CRIM Criminology (Behavior & Social Sci)

CRIM220 Criminology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits
0101 TuTh.....11:00am-12:15pm (CLB 0111) Katzenelson, S
0201 MWF.....1:00pm- 1:50pm (TLF 0124) STAFF
0301 MWF.....11:00am-11:50am (SHM 2102) STAFF

CRIM359 (PermReq) Field Training in Criminology and Corrections; Grade Method: REG/P-F/AUD; — 1-3 credits

Schedule of Classes

REASONS

to advertise in the Schedule of Classes

- DISTRIBUTION OF 60,000 COPIES
- EVERY STUDENT MUST READ THIS OFFICIAL SCHOOL PUBLICATION.
- WE OFFER 100% READERSHIP.

FOR ADDITIONAL INFORMATION
PLEASE CALL RISA SEILER
454-4168

Schedule of Classes

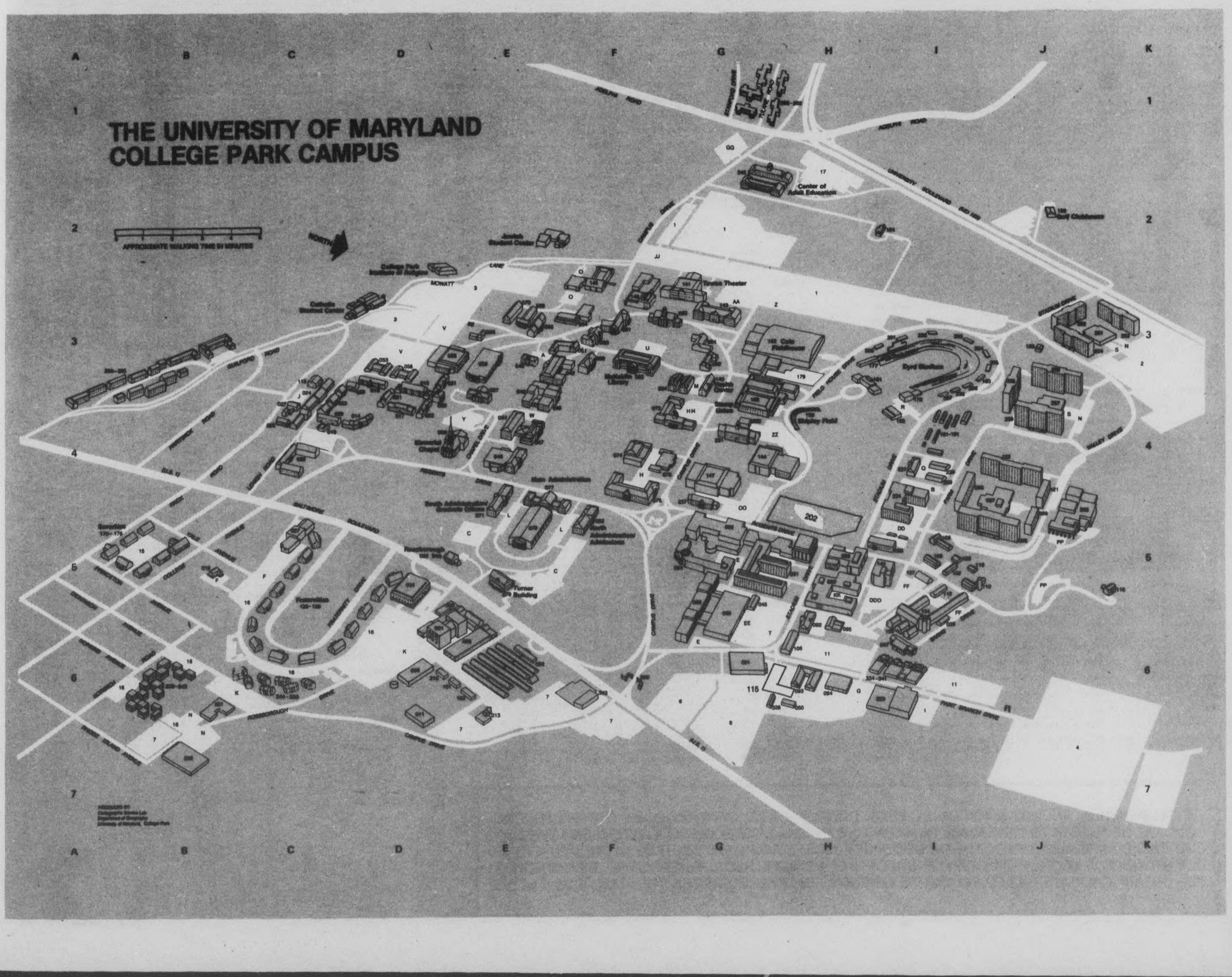
ALPHABETICAL DIRECTORY OF BUILDINGS

024 Allegany Hall (Dorm) C-4
108-110 Animal Barns I-5
104 Animal Sciences Annex I-5
142 Animal Sciences Bldg. H-5
060 Anne Arundel Hall (Dorm) G-3
156 Apiary J-3
145 Architecture Bldg. F-2
146 Art-Sociology Bldg. F-3
092 Asphalt Institute H-6
115 A.V. Williams H-6
016 Baltimore Hall (Dorm) D-3
099 Bel Air Hall (Dorm) J-5
143 Benjamin Bldg. (Education) G-3
160 Byrd Stadium I-3
161 Byrd Stadium, Center Bldg. H-3
015 Calvert Hall (Dorm) D-3
096 Cambridge Hall (Dorm) I-4
343 Campus Mail Facility F-6
070 Caroline Hall (Dorm) E-3
065 Carroll Hall (Dorm) E-3
017 Cecil Hall (Dorm) D-4
345 Center of Adult Education G-2
001 Central Heating Plant D-6
206 Central Receiving Warehouse B-7
098 Centreville Hall (Dorm) J-5
025 Charles Hall (Dorm) C-4
090 Chemical and Nuclear Engineering Bldg. H-5
091 Chemistry Bldg. G-5
121 Chestertown Hall (Dorm) J-4
106 Classroom Bldg. H-6
162 Cole Student Activities Bldg. G-3
224 Computer and Space Sciences Bldg. I-4
122 Cumberland Hall (Dorm) J-4
107 Dairy Science Annex I-5
105 Dairy Science Office I-6
252 Denton Hall (Dorm) J-3
097 Dining Hall (Cambridge) I-4
251 Dining Hall ((Denton) K-3
257 Dining Hall (Ellicott) J-4
064 Dorcester Hall (Dorm) G-3
253 Easton Hall (Dorm) K-3
066 Education Annex, West E-3
254 Elkton Hall (Dorm) J-3
256 Ellicott Hall (Dorm) J-3
223 Energy Research Facility H-6
088 Engineering Classroom Bldg G-5
089 Engineering Laboratory Bldg. G-6
093 Engineering Research Bldg. H-6
007 Fire and Rescue Institute (MD) C-5
158 Football Bldg. I-4
048 Francis Scott Key Hall E-3
126-139 Fraternity Houses C-6
029 Frederick Hall (Dorm) C-4
031 Garrett Hall (Dorm) D-3
299 Gatehouse F-6
237 Geology Bldg. G-4
166 Golf Range J-2
002 Greenhouses E-6
258 Hagerstown Hall (Dorm) J-3
014 Harford Hall (Dorm) D-4
002 Harrison Lab E-6
140 Health Center G-3
074 Holzapfel Hall F-4
147 Hornbake Undergraduate Library G.4
028 Howard Hall (Dorm) D-3
085 Institute for Physical Sciences and Technology I-5
045 Instructional Television Facility G-5
034 Jimenez Bldg. (Foreign Languages) G-3
059 Journalism Bldg. F-3
227 Jull Hall I-4
022 Kent Hall (Dorm) D-4
027 Knox Rd. Office Bldg. East C-4
038 Le Frak Hall (Social Sciences) E-3
259 LaPlata Hall (Dorm) J-4
201 Leonardtown Community Bldg. (Employment Office) B-6
238-249 Leonardtown Modular Residences B-6
260-285 Lord Calvert Apts. B-4
077 Main Administration Bldg. E-5
046 Marie Mount Hall E-4
084 Mathematics Bldg. G-5
035 McKeldin Library F-3
009 Memorial Chapel D-4
231 Microbiology Bldg. G-4
232 Mill Bldg. G-4
032 Montgomery Hall (Dorm) C-4
040 Morrill Hall E-3
011 Motor Transportation Facility D-6
052 North Administration Bldg. F-5
094 Paint Branch Dr. Office Bldg. H-6
179 Parking Garage #1 H-4
202 Parking Garage #2 H-5
073 H. J. Patterson Hall G-4
083 J. M. Patterson Hall H-5
027 Photographic Services C-4
255 Physical Education, Recreation and Health Bldg. J-5
082 Physics Bldg. G-5
006 Plant Operations and Maintenance Shops E-5
003 Police and Service Bldg. E-6
113 Police Substation C-3
181-191 Poultry Bldgs. I-4
054 Preinkert Field House F-3
164 President's Residence I-2
021 Prince George's Hall (Dorm) D-3
061 Queen Anne's Hall (Dorm) F-3
078 Reckord Armory E-5
334-341 Relocatable Buildings I-6
004 Ritchie Coliseum D-5
080 Rossborough Inn (Faculty-Alumni Club)
109 Sheep Barn I-5
159 Shipley Field D-6
037 Shoemaker Bldg. E-3
075 Shriver Lab F-4
013 Shuttle Bus Facility F-4
044 Skinner Bldg. E-4
063 Somerset Hall (Dorm) F-3
170-176 Sorority Houses B-5
071 South Administration Bldg. and Graduate School E-4
026 South Campus Dining Hall E-3
062 St. Mary's Hall (Dorm) G-3
163 Stamp Student Union G-4
076 Symons Hall F-4
030 Talbot Hall (Dorm) D-4
043 Taliaferro Hall E-3
141 Tawes Fine Arts Bldg. G-3
053 Temporary Classroom Bldg. AA D-3
058 Temporary Classroom Bldg. EE D-3
308 Temporary Computer Science I-5
079 Turner Lab (Dairy) E-5
042 Tydings Hall, Millard E. E-3
345 University College (Center of Adult Ed.) G-2
286-292 University Hills Apts. G-1
005 University Press E-6
023 Washington Hall (Dorm) C-4
069 Wicomico Hall (Dorm) E-3
081 Wind Tunnel G-6
047 Woods Hall E-4
051 Worcester Hall (Dorm) F-3
144 Zoology-Psychology Bldg. G-4

SCHEDULE OF CLASSES DIRECTORY OF BUILDING CODES

CODE	BUILDING	LOCATION	NUM.
ASA	Animal Sciences Annex	I-6	104
ANS	Animal Sciences Bldg	H-5	142
ALB	Astronomy Laboratory Bldg	MET	219
API	Apiary	J-3	156
ARC	Architecture Bldg.	F-2	145
ARM	Armory (Reckord)	E-5	078
ASY	Art-Sociology Bldg.	F-3	146
BEB	Beef Barn	I-5	110
BRD	Byrd Stadium	I-3	160
CHE	Chemical Engineering Bldg	H-5	090
CHM	Chemistry Bldg.	G-5	091
CLB	Classroom Bldg.	H-6	106
COL	Cole Student Activities Bldg	G-3	162
CSS	Computer and Space Sciences Bldg.	I-4	224
DSA	Dairy Science Annex & Large Animal Classroom	I-5	107
EDA	Education Annex	E-3	066
EDU	Education (Benjamin)	G-3	143
EGL	Engineering Laboratory Bldg. (Martin)	G-6	089
EGR	Engineering Classroom (Martin)	G-5	088
EPL	East Poultry Lab Bldg	I-4	188
ERB	Engineering Research Bldg	H-6	093
GEO	Geology Bldg.	G-4	237
GLF	Golf Range	J-2	166
HAR	Harrison Lab	E-6	002
HOB	Horse Barn	I-5	108
HBK	Hornbake Undergraduate Library	G-4	147
HJP	H. J. Patterson	G-4	073
HZF	Holzapfel Hall	F-4	074
IPT	Inst. of Physical Sciences and Technology	I-5	085
ITV	Instructional Television Facility	G-5	045
JMP	J. M. Patterson Hall	H-5	083
JMZ	Jimenez Foreign Language	G-3	034
JRN	Journalism Bldg	F-3	059
JUL	Jull Hall	I-4	227
KEY	Francis Scott Key Hall	E-3	048
LAM	Lab Animal Mgt. Classroom	CRF	783
LEF	Lefrak Social Sciences	E-3	038
MCB	Microbiology Bldg	G-4	231
MCK	McKeldin Library	F-3	035
MIL	Mill Bldg.	G-4	232
MMH	Marie Mount Hall	E-4	046
MOR	Morrill Hall	E-3	040
MTH	Mathematics Bldg	G-5	084
PHY	Physics Bldg	G-5	082
PKT	Preinkert Field House	F-3	054
PRH	Physical Education, Recreation and Health Bldg.	J-5	255
RIT	Ritchie Coliseum	D-5	004
SDH	South Campus Dining Hall	E-3	026
SHB	Sheep Barn	I-5	109
SHM	Shoemaker Building	E-3	037
SHR	Shriver Lab	F-4	075
SKN	Skinner Bldg	E-4	044
SSU	Stamp Student Union	G-4	163
SYM	Symons Hall	F-4	076
TAA	Temporary Classroom AA	D-3	053
TBA	To Be Arranged		
TEE	Temporary Classroom EE	D-3	058
TLF	Taliaferro Hall	E-3	043
TUR	Turner Lab	E-5	079
TYD	Tydings Hall	E-3	042
TWS	Tawes Fine Arts Bldg.	G-3	141
WDS	Woods Hall	E-4	047
WTU	Wind Tunnel	G-6	081
ZOP	Zoology-Psychology Bldg.	G-4	144

Location "CRF" denotes Calvert Road Facilities.
Location "MET" denotes Metzerott Road Facilities.



Schedule of Classes

REASONS

to advertise in the Schedule of Classes

- DISTRIBUTION OF 60,000 COPIES
- EVERY STUDENT MUST READ THIS OFFICIAL SCHOOL PUBLICATION.
- WE OFFER 100% READERSHIP.

FOR ADDITIONAL INFORMATION
PLEASE CALL RISA SEILER
454-4168

Schedule of Classes

ALPHABETICAL DIRECTORY OF BUILDINGS

024 Allegany Hall (Dorm) C-4
108-110 Animal Barns I-5
104 Animal Sciences Annex I-5
142 Animal Sciences Bldg. H-5
060 Anne Arundel Hall (Dorm) G-3
156 Apiary J-3
145 Architecture Bldg. F-2
146 Art-Sociology Bldg. F-3
092 Asphalt Institute H-6
115 A.V. Williams H-6
016 Baltimore Hall (Dorm) D-3
099 Bel Air Hall (Dorm) J-5
143 Benjamin Bldg. (Education) G-3
160 Byrd Stadium I-3
161 Byrd Stadium, Center Bldg. H-3
015 Calvert Hall (Dorm) D-3
096 Cambridge Hall (Dorm) I-4
343 Campus Mail Facility F-6
070 Caroline Hall (Dorm) E-3
065 Carroll Hall (Dorm) E-3
017 Cecil Hall (Dorm) D-4
345 Center of Adult Education G-2
001 Central Heating Plant D-6
206 Central Receiving Warehouse B-7
098 Centreville Hall (Dorm) J-5
025 Charles Hall (Dorm) C-4
090 Chemical and Nuclear Engineering Bldg. H-5
091 Chemistry Bldg. G-5
121 Chestertown Hall (Dorm) J-4
106 Classroom Bldg. H-6
162 Cole Student Activities Bldg. G-3
224 Computer and Space Sciences Bldg. I-4
122 Cumberland Hall (Dorm) J-4
107 Dairy Science Annex I-5
105 Dairy Science Office I-6
252 Denton Hall (Dorm) J-3
097 Dining Hall (Cambridge) I-4
251 Dining Hall ((Denton) K-3
257 Dining Hall (Ellicott) J-4
064 Dorcester Hall (Dorm) G-3
253 Easton Hall (Dorm) K-3
066 Education Annex, West E-3
254 Elkton Hall (Dorm) J-3
256 Ellicott Hall (Dorm) J-3
223 Energy Research Facility H-6
088 Engineering Classroom Bldg G-5
089 Engineering Laboratory Bldg. G-6
093 Engineering Research Bldg. H-6
007 Fire and Rescue Institute (MD) C-5
158 Football Bldg. I-4
048 Francis Scott Key Hall E-3
126-139 Fraternity Houses C-6
029 Frederick Hall (Dorm) C-4
031 Garrett Hall (Dorm) D-3
299 Gatehouse F-6
237 Geology Bldg. G-4
166 Golf Range J-2
002 Greenhouses E-6
258 Hagerstown Hall (Dorm) J-3
014 Harford Hall (Dorm) D-4
002 Harrison Lab E-6
140 Health Center G-3
074 Holzapfel Hall F-4
147 Hornbake Undergraduate Library G-4
028 Howard Hall (Dorm) D-3
085 Institute for Physical Sciences and Technology I-5
045 Instructional Television Facility G-5
034 Jimenez Bldg. (Foreign Languages) G-3
059 Journalism Bldg. F-3
227 Jull Hall I-4
022 Kent Hall (Dorm) D-4
027 Knox Rd. Office Bldg. East C-4
038 Le Frak Hall (Social Sciences) E-3
259 LaPlata Hall (Dorm) J-4
201 Leonardtown Community Bldg. (Employment Office) B-6
238-249 Leonardtown Modular Residences B-6
260-285 Lord Calvert Apts. B-4
077 Main Administration Bldg. E-5
046 Marie Mount Hall E-4
084 Mathematics Bldg. G-5
035 McKeldin Library F-3
009 Memorial Chapel D-4
231 Microbiology Bldg. G-4
232 Mill Bldg. G-4
032 Montgomery Hall (Dorm) C-4
040 Morrill Hall E-3
011 Motor Transportation Facility D-6
052 North Administration Bldg. F-5
094 Paint Branch Dr. Office Bldg. H-6
179 Parking Garage #1 H-4
202 Parking Garage #2 H-5
073 H. J. Patterson Hall G-4
083 J. M. Patterson Hall H-5
027 Photographic Services C-4
255 Physical Education, Recreation and Health Bldg. J-5
082 Physics Bldg. G-5
006 Plant Operations and Maintenance Shops E-5
003 Police and Service Bldg. E-6
113 Police Substation C-3
181-191 Poultry Bldgs. I-4
054 Preinkert Field House F-3
164 President's Residence I-2
021 Prince George's Hall (Dorm) D-3
061 Queen Anne's Hall (Dorm) F-3
078 Reckord Armory E-5
334-341 Relocatable Buildings I-6
004 Ritchie Coliseum D-5
080 Rossborough Inn (Faculty-Alumni Club)
109 Sheep Barn I-5
159 Shipley Field D-6
037 Shoemaker Bldg. E-3
075 Shriver Lab F-4
013 Shuttle Bus Facility F-4
044 Skinner Bldg. E-4
063 Somerset Hall (Dorm) F-3
170-176 Sorority Houses B-5
071 South Administration Bldg. and Graduate School E-4
026 South Campus Dining Hall E-3
062 St. Mary's Hall (Dorm) G-3
163 Stamp Student Union G-4
076 Symons Hall F-4
030 Talbot Hall (Dorm) D-4
043 Taliaferro Hall E-3
141 Tawes Fine Arts Bldg. G-3
053 Temporary Classroom Bldg. AA D-3
058 Temporary Classroom Bldg. EE D-3
308 Temporary Computer Science I-5
079 Turner Lab (Dairy) E-5
042 Tydings Hall, Millard E. E-3
345 University College (Center of Adult Ed.) G-2
286-292 University Hills Apts. G-1
005 University Press E-6
023 Washington Hall (Dorm) C-4
069 Wicomico Hall (Dorm) E-3
081 Wind Tunnel G-6
047 Woods Hall E-4
051 Worcester Hall (Dorm) F-3
144 Zoology-Psychology Bldg. G-4

SCHEDULE OF CLASSES DIRECTORY OF BUILDING CODES

CODE	BUILDING	LOCATION	NUM.
ASA	Animal Sciences Annex	I-6	104
ANS	Animal Sciences Bldg	H-5	142
ALB	Astronomy Laboratory Bldg	MET	219
API	Apiary	J-3	156
ARC	Architecture Bldg.	F-2	145
ARM	Armory (Reckord)	E-5	078
ASY	Art-Sociology Bldg.	F-3	146
BEB	Beef Barn	I-5	110
BRD	Byrd Stadium	I-3	160
CHE	Chemical Engineering Bldg	H-5	090
CHM	Chemistry Bldg.	G-5	091
CLB	Classroom Bldg.	H-6	106
COL	Cole Student Activities Bldg	G-3	162
CSS	Computer and Space Sciences Bldg.	I-4	224
DSA	Dairy Science Annex & Large Animal Classroom	I-5	107
EDA	Education Annex	E-3	066
EDU	Education (Benjamin)	G-3	143
EGL	Engineering Laboratory Bldg. (Martin)	G-6	089
EGR	Engineering Classroom (Martin)	G-5	088
EPL	East Poultry Lab Bldg	I-4	188
ERB	Engineering Research Bldg	H-6	093
GEO	Geology Bldg.	G-4	237
GLF	Golf Range	J-2	166
HAR	Harrison Lab	E-6	002
HOB	Horse Barn	I-5	108
HBK	Hornbake Undergraduate Library	G-4	147
HJP	H. J. Patterson	G-4	073
HZF	Holzapfel Hall	F-4	074
IPT	Inst. of Physical Sciences and Technology	I-5	085
ITV	Instructional Television Facility	G-5	045
JMP	J. M. Patterson Hall	H-5	083
JMZ	Jimenez Foreign Language	G-3	034
JRN	Journalism Bldg	F-3	059
JUL	Jull Hall	I-4	227
KEY	Francis Scott Key Hall	E-3	048
LAM	Lab Animal Mgt. Classroom	CRF	783
LEF	Lefrak Social Sciences	E-3	038
MCB	Microbiology Bldg	G-4	231
MCK	McKeldin Library	F-3	035
MIL	Mill Bldg.	G-4	232
MMH	Marie Mount Hall	E-4	046
MOR	Morrill Hall	E-3	040
MTH	Mathematics Bldg	G-5	084
PHY	Physics Bldg	G-5	082
PKT	Preinkert Field House	F-3	054
PRH	Physical Education, Recreation and Health Bldg.	J-5	255
RIT	Ritchie Coliseum	D-5	004
SDH	South Campus Dining Hall	E-3	026
SHB	Sheep Barn	I-5	109
SHM	Shoemaker Building	E-3	037
SHR	Shriver Lab	F-4	075
SKN	Skinner Bldg	E-4	044
SSU	Stamp Student Union	G-4	163
SYM	Symons Hall	F-4	076
TAA	Temporary Classroom AA	D-3	053
TBA	To Be Arranged		
TEE	Temporary Classroom EE	D-3	058
TLF	Taliaferro Hall	E-3	043
TUR	Turner Lab	E-5	079
TYD	Tydings Hall	E-3	042
TWS	Tawes Fine Arts Bldg.	G-3	141
WDS	Woods Hall	E-4	047
WTU	Wind Tunnel	G-6	081
ZOP	Zoology-Psychology Bldg.	G-4	144

Location "CRF" denotes Calvert Road Facilities.
Location "MET" denotes Metzerott Road Facilities.

Individual Instruction course: contact department or instructor to obtain section number. Prerequisites: CRIM 220 and CRIM 450, majors only and consent of instructor.

CRIM360 Victimology; Grade Method: REG; 3 credits
Prerequisite: CRIM 220, or consent of instructor.
0101 TuTh.....2:00pm- 3:15pm (LEF 2208) Young, V

CRIM386 (PermReq) Field Work; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Have junior standing by Aug 1988, have a 3.2 cumulative GPA, earned a grade of "A" in the course in which assisting. 1-3 credits

CRIM387 (PermReq) Field Work Analysis; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: Have junior standing by Aug 1988, have a 3.2 cumulative GPA, earned a grade of 'A' in the course in which assisting. 1-3 credits

CRIM388H (PermReq) Independent Reading Course in Criminology: Independant Reading in Criminology; Grade Method: REG; For honor students only. 3 credits
0101 W.....3:00pm- 4:30pm (LEF 2220R) Wellford, C
Time and room to be arranged DIS
0501 W.....3:00pm- 4:30pm (LEF 2220R) Ingraham, B
Time and room to be arranged DIS

CRIM389H (PermReq) Independent Research in Criminology; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: for honors students only. 3 credits

CRIM399 (PermReq) Independent Study in Criminology; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: written consent of faculty under whose direction the study is to be performed, and at least twelve hours of criminology credits. 1-3 credits

CRIM450 Juvenile Delinquency; Grade Method: 3 credits
REG/P-F/AUD;
0101 MWF.....10:00am-10:50am (ASY 2309) STAFF
0201 TuTh.....8:00am- 9:15am (LEF 2166) Paternoster, R
0301 MWF.....2:00pm- 2:50pm (TYD 1101) STAFF

CRIM451 Crime and Delinquency Prevention; Grade Method: REG/P-F/AUD; Prerequisites: CRIM 220 or CRIM 450 or consent of instructor. 3 credits
0101 MWF.....9:00am- 9:50am (LEF 2166) Maida, P

CRIM452 Treatment of Criminals and Delinquents in the Community; Grade Method: REG/P-F/AUD; Prerequisites: CRIM 220 or CRIM 450 or consent of instructor. 3 credits
0101 TuTh.....9:30am-10:45am (CHE 2110) Katzenelson, S

CRIM453 Institutional Treatment of Criminals and Delinquents; Grade Method: REG/P-F/AUD; Prerequisites: CRIM 220 or CRIM 450 or consent of instructor. 3 credits
0101 TuTh.....11:00am-12:15pm (TYD 1101) Maida, P

CRIM454 Contemporary Criminological Theory; Grade Method: REG/P-F/AUD; Prerequisite: CRIM 220 and 450 and one additional course selected from CRIM 451, 452, or 453. 3 credits
0101 TuTh.....12:30pm- 1:45pm (LEF 2208) Maida, P

CRIM498A Selected Topics in Criminology: Women and Crime; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (LEF 1222) Young, V

CRIM498D Selected Topics in Criminology: Fundamental for Criminological Research; Grade Method: REG; 3 credits
0101 M.....4:00pm- 6:45pm (LEF 1220) Smith, D

CRIM650 Advanced Criminology; Grade Method: 3 credits
REG/AUD;
0101 Tu.....4:00pm- 6:45pm (LEF 2220U) Loftin, C

CRIM652 Seminar in Juvenile Delinquency; Grade Method: REG; 3 credits
0101 W.....4:00pm- 6:45pm (LEF 1220) Gottfredson, D

CRIM699 (PermReq) Special Criminological Problems; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

CRIM799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

CRIM899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

DANC Dance (Arts and Humanities)

DANC100 Modern Dance I For Non-Majors; Grade Method: REG/P-F/AUD; 2 credits
0101 MWF.....10:00am-10:50am (TEE 1115) LAB STAFF
0102 MWF.....12:00pm-12:50pm (PKT 2102) LAB Warren, L
0103 MWF.....1:00pm- 1:50pm (PKT 2102) LAB Jackson, P
0104 MWF.....2:00pm- 2:50pm (PKT 2102) LAB STAFF
0105 TuTh.....12:30pm- 1:45pm (TEE 1115) LAB STAFF
0106 TuTh.....3:30pm- 4:45pm (PKT 2102) LAB Rutter-Hill, L
0107 TuTh.....5:00pm- 6:15pm (PKT 2102) LAB Mayes, A

DANC102 Rhythmic Training For Dance; Grade Method: REG/P-F/AUD; Majors have priority. Non-majors admitted on a space available basis. 2 credits
0101 TuTh.....11:00am-12:15pm (TEE 1115) LAB Johnson, I

DANC104 Modern Dance II For Non-Majors; Grade Method: REG/P-F/AUD; Prerequisite: DANC 100. 2 credits
0101 TuTh.....11:00am-12:15pm (TAA 1103) LAB STAFF

DANC109 Improvisation I; Grade Method: 2 credits
REG/P-F/AUD; Majors have priority. Non-majors admitted on a space available basis.
0101 TuTh.....9:30am-10:45am (TEE 1115) LAB Rosen, M

DANC124 Ballet I For Non-Majors; Grade Method: 2 credits
REG/P-F/AUD;
0101 MWF.....9:00am- 9:50am (PKT 2102) LAB Druker, S
0102 MWF.....10:00am-10:50am (PKT 2102) LAB Druker, S
0103 MWF.....11:00am-11:50am (PKT 2102) LAB Druker, S

DANC127 Ballet II For Non-Majors; Grade Method: 2 credits
REG/P-F/AUD; Prerequisite: DANC 124.
0101 TuTh.....9:30am-10:45am (PKT 2102) LAB Haigler de Robl

DANC128 (PermReq) Ballet I For Majors Only; Grade Method: REG/P-F/AUD; Non-majors admitted on a space available basis. 2 credits
0101 TuTh.....2:00pm- 3:15pm (PKT 2102) LAB Druker, S

DANC129 Ballet II For Majors Only; Grade Method: REG/P-F/AUD; Prerequisite: DANC 128. Non-majors admitted on a space available basis. 2 credits
0101 TuTh.....11:00am-12:15pm (PKT 2102) LAB Druker, S

DANC148 (PermReq) Modern Dance I For Majors Only; Grade Method: REG/P-F/AUD; Non-majors admitted on a space available basis. 3 credits
0101 MWF.....11:00am-12:20pm (TAA 1103) LAB Wiltz, A

DANC149 Modern Dance II For Majors Only; Grade Method: REG/P-F/AUD; Prerequisite: DANC 148. 3 credits
0101 MWF.....12:30pm- 1:50pm (TAA 1103) LAB Mayes, A

DANC158 (PermReq) Jazz I For Majors Only; Grade Method: REG/P-F/AUD; 2 credits
0101 TuTh.....12:30pm- 1:45pm (TAA 1103) LAB Rutter-Hill, L

DANC171 Movement Integration; Grade Method: 2 credits
REG/P-F/AUD;
0101 MWF.....10:00am-10:50am (TAA 1103) Dunn, R

DANC199 (PermReq) Practicum in Choreography, Production and Performance I; Grade Method: REG/P-F/AUD; 1-2 credits
Individual Instruction course: contact department or instructor to obtain section number.

DANC199A Practicum in Choreography, Production and Performance I: Tap Dance (Intermediate); Grade Method: REG/P-F/AUD; 2 credits
1201 TuTh.....2:00pm- 3:15pm (TAA 1103) STAFF

DANC200 Introduction to Dance; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; Lecture/discussion only - no studio activity. 3 credits
0101 MWF.....11:00am-11:50am (TAA 1124) STAFF
0201 MWF.....2:00pm- 2:50pm (TAA 1124) Rutter-Hill, L
0301 TuTh.....11:00am-12:15pm (TAA 1124) Warren, A
0401 TuTh.....12:30pm- 1:45pm (TAA 1124) Haigler de Robl

DANC208 Choreography I; Grade Method: REG/P-F/AUD; 3 credits
Prerequisites: DANC 102 and 109.
0101 MWF.....2:00pm- 3:20pm (TAA 1103) LAB Dunn, R

DANC210 Dance Production I; Grade Method: 3 credits
REG/P-F/AUD;
0101 MWF.....3:30pm- 5:00pm (TEE 1115) Jackson, P

DANC228 Ballet III; Grade Method: REG/P-F/AUD; 2 credits
Prerequisite: DANC 129 or audition.
0101 TuTh.....12:30pm- 1:45pm (PKT 2102) LAB Druker, S

DANC229 Ballet IV; Grade Method: REG/P-F/AUD; 2 credits
Prerequisite: DANC 228 or audition.
0101 TuTh.....12:30pm- 1:45pm (PKT 2102) LAB Druker, S

DANC248 Modern Dance III For Majors Only; Grade Method: REG/P-F/AUD; Prerequisite: DANC 149 or audition. 3 credits
0101 MWF.....11:00am-12:20pm (TEE 1115) LAB Warren, A

DANC249 Modern Dance IV; Grade Method: REG/P-F/AUD; Prerequisite: DANC 248 or audition. 3 credits
0101 MWF.....12:30pm- 1:50pm (TEE 1115) LAB Rosen, M

DANC258 (PermReq) Jazz II; Grade Method: REG/P-F/AUD; Prerequisite: DANC 154 or 158 and 104 or 149. Majors have priority, non-majors admitted on a space available basis. 2 credits
0101 TuTh.....3:30pm- 4:45pm (TAA 1103) LAB Mayes, A

DANC299 (PermReq) Practicum in Choreography, Production and Performance II; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: DANC 199. 1-2 credits

DANC305 Principles of Teaching Dance; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....3:30pm- 4:45pm (TAA 1124) LAB Haigler de Robl

DANC348 Modern Dance V; Grade Method: REG/P-F/AUD; 3 credits
Prerequisite: DANC 249 or audition.
0101 MWF.....2:00pm- 3:20pm (TEE 1115) LAB STAFF

DANC349 Modern Dance VI; Grade Method: REG/P-F/AUD; Prerequisite: DANC 348. 3 credits
0101 MWF.....2:00pm- 3:20pm (TEE 1115) LAB STAFF

DANC386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

DANC387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

DANC388 Choreography III; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....3:30pm- 4:45pm (TEE 1115) LAB Rosen, M

DANC398 (PermReq) Directed Studies in Dance; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

DANC399 (PermReq) Practicum in Choreography, Production and Performance III; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: DANC 299. 1-2 credits

DANC410 Dance Production: Design and Execution; Grade Method: REG/P-F/AUD; 3 credits
0101 Time and room to be arranged Jackson, P

DANC468 (PermReq) Modern Repertory; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....3:30pm- 5:00pm (TAA 1103) LAB STAFF

DANC471 Movement Behavior; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (TAA 1124) Rutter-Hill, L

DANC483 History of Dance II; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (TAA 1124) Warren, L

DANC499 (PermReq) Practicum in Choreography, Production and Performance IV; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: DANC 399. 1-6 credits

---

ECON Economics (Behavior & Social Sci)

ECON105 Economics of Social Problems; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Not open to students who have previously earned 6 or more credits in economics. 3 credits
0101 TuTh.....11:00am-12:15pm (SHM 2101) Straszheim, M

ECON201 Principles of Economics I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Not open to students who have credit for ECON 205. 3 credits
0101 MWF.....9:00am- 9:50am (TYD 0101) STAFF
0201 MWF.....8:00am- 8:50am (TYD 1128) STAFF
0301 MWF.....12:00pm-12:50pm (TYD 1114) STAFF
0401 MWF.....12:00pm-12:50pm (TYD 2110) STAFF
0501 MWF.....10:00am-10:50am (WDS 0104) STAFF
0601 MWF.....2:00pm- 2:50pm (TYD 1128) STAFF
0701 TuTh.....8:00am- 9:15am (WDS 1101) STAFF
0801 TuTh.....3:30pm- 4:45pm (WDS 0104) STAFF
0901 TuTh.....2:00pm- 3:15pm (WDS 1114) STAFF
1001 TuTh.....12:30pm- 1:45pm (TYD 2111) STAFF
1101 MWF.....1:00pm- 1:50pm (TYD 1114) STAFF
1201 MWF.....11:00am-11:50am (WDS 1101) STAFF
1301 MWF.....1:00pm- 1:50pm (WDS 0104) STAFF
1401 MWF.....3:00pm- 3:50pm (TYD 1128) STAFF
1501 TuTh.....2:00pm- 3:15pm (ARM 0119) STAFF
1601 TuTh.....9:30am-10:45am (EDU 0212) STAFF
1701 TuTh.....8:00am- 9:15am (TYD 1101) STAFF
1801 TuTh.....3:30pm- 4:45pm (TYD 1128) STAFF
1901 MWF.....9:00am- 9:50am (LEF 1221) STAFF
2001 TuTh.....9:30am-10:45am (TYD 0101) STAFF
2102 MW.....11:00am-11:50am (TYD 0130) Brechling, F
M.....9:00am- 9:50am (TYD 1132) DIS
2103 MW.....11:00am-11:50am (TYD 0130) Brechling, F
F.....10:00am-10:50am (TYD 2100) DIS
2104 MW.....11:00am-11:50am (TYD 0130) Brechling, F
M.....12:00pm-12:50pm (TYD 2100) DIS
2108 MW.....11:00am-11:50am (TYD 0130) Brechling, F
M.....1:00pm- 1:50pm (ARC 1105) DIS
2109 MW.....11:00am-11:50am (TYD 0130) Brechling, F
F.....12:00pm-12:50pm (TYD 2100) DIS
2110 MW.....11:00am-11:50am (TYD 0130) Brechling, F
W.....9:00am- 9:50am (TYD 1132) DIS
2111 MW.....11:00am-11:50am (TYD 0130) Brechling, F
F.....9:00am- 9:50am (LEF 1222) DIS
2114 MW.....11:00am-11:50am (TYD 0130) Brechling, F
F.....1:00pm- 1:50pm (TYD 1132) DIS
2116 MW.....11:00am-11:50am (TYD 0130) Brechling, F
M.....10:00am-10:50am (ZOP 1228) DIS
2118 MW.....11:00am-11:50am (TYD 0130) Brechling, F
W.....12:00pm-12:50pm (HZF 1102) DIS
2119 MW.....11:00am-11:50am (TYD 0130) Brechling, F
F.....11:00am-11:50am (TYD 2100) DIS
2201 MWF.....10:00am-10:50am (TYD 0101) STAFF
2301 TuTh.....11:00am-12:15pm (HZF 1106) STAFF
2401 TuTh.....11:00am-12:15pm (CHM 0127) STAFF
2501 MWF.....2:00pm- 2:50pm (TYD 2111) STAFF
2601 TuTh.....12:30pm- 1:45pm (HZF 1106) STAFF
2701 MWF.....3:00pm- 3:50pm (TYD 2111) STAFF
2801 MWF.....2:00pm- 2:50pm (TYD 1140) STAFF

ECON201H (PermReq) Principles of Economics I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 MWF.....10:00am-10:50am (MHH 3418) Huh, G

ECON203 Principles of Economics II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Students are advised to take ECON 201 before ECON 203. 3 credits
0101 MWF.....12:00pm-12:50pm (TYD 2108) STAFF
0201 MWF.....10:00am-10:50am (TLF 0101) STAFF
0301 MWF.....1:00pm- 1:50pm (JRN 1105) STAFF
0401 MWF.....11:00am-11:50am (TLF 0101) STAFF
0501 MWF.....1:00pm- 1:50pm (TYD 2110) STAFF
0701 MWF.....11:00am-11:50am (WDS 1114) STAFF
0801 TuTh.....8:00am- 9:15am (JRN 1104) STAFF
0901 TuTh.....8:00am- 9:15am (JRN 1105) STAFF
1001 TuTh.....3:30pm- 4:45pm (TYD 2110) STAFF
1101 TuTh.....2:00pm- 3:15pm (WDS 1101) STAFF
1201 TuTh.....8:00am- 9:15am (TLF 0101) STAFF
1301 MWF.....9:00am- 9:50am (TYD 1128) STAFF
1401 MWF.....8:00am- 8:50am (TYD 1114) STAFF
1501 TuTh.....11:00am-12:15pm (TLF 0101) STAFF
1601 MWF.....2:00pm- 2:50pm (WDS 0104) STAFF
1701 MWF.....10:00am-10:50am (TYD 1128) STAFF
1801 MWF.....9:00am- 9:50am (TYD 1114) STAFF
1901 MWF.....3:00pm- 3:50pm (TYD 0101) STAFF
2101 TuTh.....2:00pm- 2:50pm (TYD 0130) Coughlin, P
M.....11:00am-11:50am (ZOP 1124) DIS
2102 TuTh.....2:00pm- 2:50pm (TYD 0130) Coughlin, P
M.....1:00pm- 1:50pm (ZOP 1232) DIS
2103 TuTh.....2:00pm- 2:50pm (TYD 0130) Coughlin, P
M.....9:00am- 9:50am (LEF 1208) DIS
2104 TuTh.....2:00pm- 2:50pm (TYD 0130) Coughlin, P
F.....10:00am-10:50am (PHY 1221) DIS
2105 TuTh.....2:00pm- 2:50pm (TYD 0130) Coughlin, P
F.....9:00am- 9:50am (JRN 1105) DIS
2106 TuTh.....2:00pm- 2:50pm (TYD 0130) Coughlin, P
F.....11:00am-11:50am (TYD 1132) DIS
2107 TuTh.....2:00pm- 2:50pm (TYD 0130) Coughlin, P
W.....1:00pm- 1:50pm (TYD 2100) DIS
2108 TuTh.....2:00pm- 2:50pm (TYD 0130) Coughlin, P
F.....12:00pm-12:50pm (LEF 1208) DIS
2109 TuTh.....2:00pm- 2:50pm (TYD 0130) Coughlin, P
W.....11:00am-11:50am (HZF 1108) DIS
2110 TuTh.....2:00pm- 2:50pm (TYD 0130) Coughlin, P
W.....10:00am-10:50am (HZF 1102) DIS
2111 TuTh.....2:00pm- 2:50pm (TYD 0130) Coughlin, P
M.....1:00pm- 1:50pm (WDS 1131) DIS
2113 TuTh.....2:00pm- 2:50pm (TYD 0130) Coughlin, P
F.....9:00am- 9:50am (TYD 1132) DIS
2114 TuTh.....2:00pm- 2:50pm (TYD 0130) Coughlin, P
F.....1:00pm- 1:50pm (TYD 2100) DIS
2116 TuTh.....2:00pm- 2:50pm (TYD 0130) Coughlin, P
W.....9:00am- 9:50am (LEF 1208) DIS
2117 TuTh.....2:00pm- 2:50pm (TYD 0130) Coughlin, P
F.....12:00pm-12:50pm (TYD 1132) DIS

ECON205 Fundamentals of Economics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Not open to students who have credit for ECON 201. 3 credits
0701 MW.....9:00am- 9:50am (TYD 0130) Adams, J
Th.....2:00pm- 2:50pm (PHY 4208) DIS
0702 MW.....9:00am- 9:50am (TYD 0130) Adams, J
F.....8:00am- 8:50am (TYD 2100) DIS
0703 MW.....9:00am- 9:50am (TYD 0130) Adams, J
F.....9:00am- 9:50am (TYD 2100) DIS
0704 MW.....9:00am- 9:50am (TYD 0130) Adams, J
F.....12:00pm-12:50pm (COL 0100) DIS
0705 MW.....9:00am- 9:50am (TYD 0130) Adams, J
M.....1:00pm- 1:50pm (TYD 2100) DIS
0706 MW.....9:00am- 9:50am (TYD 0130) Adams, J
F.....1:00pm- 1:50pm (LEF 1220) DIS
0707 MW.....9:00am- 9:50am (TYD 0130) Adams, J
F.....2:00pm- 2:50pm (TYD 2100) DIS
0708 MW.....9:00am- 9:50am (TYD 0130) Adams, J
F.....10:00am-10:50am (TYD 1132) DIS
0709 MW.....9:00am- 9:50am (TYD 0130) Adams, J
W.....10:00am-10:50am (TYD 1132) DIS
0710 MW.....9:00am- 9:50am (TYD 0130) Adams, J
W.....1:00pm- 1:50pm (ZOP 1232) DIS
0711 MW.....9:00am- 9:50am (TYD 0130) Adams, J
W.....8:00am- 8:50am (TYD 1132) DIS
0712 MW.....9:00am- 9:50am (TYD 0130) Adams, J
F.....11:00am-11:50am (HJP 1229) DIS
0713 MW.....9:00am- 9:50am (TYD 0130) Adams, J
F.....3:00pm- 3:50pm (TYD 2100) DIS
0714 MW.....9:00am- 9:50am (TYD 0130) Adams, J
W.....2:00pm- 2:50pm (ZOP 1232) DIS
0715 MW.....9:00am- 9:50am (TYD 0130) Adams, J
M.....10:00am-10:50am (TYD 1132) DIS

ECON301 Current Issues in American Economic Policy; Grade Method: REG/P-F/AUD; Prerequisite: ECON 201 or ECON 205. 3 credits
0101 TuTh.....3:30pm- 4:45pm (TYD 0117) Minarik, J
0201 TuTh.....8:00am- 9:15am (TYD 2106) STAFF
0301 TuTh.....11:00am-12:15pm (WDS 0104) STAFF

ECON305 Intermediate Macroeconomic Theory and Policy; Grade Method: REG/P-F/AUD; Credit will be given for only one course: ECON 305 or 405. Prerequisites: ECON 201, 203, and MATH 220. Previously ECON 401. 3 credits
0101 MWF.....10:00am-10:50am (TYD 2106) Kiguel, M
0201 TuTh.....12:30pm- 1:45pm (TYD 2106) Harris Jr, C
0301 MWF.....1:00pm- 1:50pm (TYD 1128) Olson, M
0401 MWF.....9:00am- 9:50am (TYD 2111) STAFF
0501 MWF.....11:00am-11:50am (TYD 2111) Kiguel, M
0601 TuTh.....8:00am- 9:15am (TYD 1132) Almon Jr, C
0701 TuTh.....8:00am- 9:15am (TYD 1114) STAFF
0801 TuTh.....11:00am-12:15pm (TYD 1114) Ouliaris, S
0901 TuTh.....12:30pm- 1:45pm (WDS 0104) STAFF

ECON306 Intermediate Microeconomic Theory; Grade Method: REG/P-F/AUD; Credit will be given for only one course: ECON 306 or 406. Prerequisites: ECON 201, 203, and MATH 220. Previously ECON 403. 3 credits
0101 MWF.....11:00am-11:50am (TYD 0101) Evans, W
0201 TuTh.....2:00pm- 3:15pm (TYD 2111) Hulten, C
0301 TuTh.....8:00am- 9:15am (TYD 2111) Swanson, E
0401 MWF.....12:00pm-12:50pm (TYD 1128) STAFF
0501 TuTh.....12:30pm- 1:45pm (TYD 1128) STAFF
0601 MWF.....9:00am- 9:50am (TYD 2110) Malik, A
0701 MWF.....10:00am-10:50am (TYD 2111) Brechling, F
0801 TuTh.....11:00am-12:15pm (TYD 0101) STAFF

ECON310 Evolution of Modern Capitalism in Western Europe and the United States; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 MWF.....11:00am-11:50am (TYD 0117) Rossman, J
0201 MWF.....10:00am-10:50am (SHM 2102) Rossman, J

ECON311 American Economic Development; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Prerequisites: ECON 201 and 203; or ECON 205. 3 credits
0101 TuTh.....11:00am-12:15pm (TYD 0117) Wallis, J
0201 TuTh.....9:30am-10:45am (TYD 2111) Wallis, J

ECON315 Economic Development of Underdeveloped Areas; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisites: ECON 201 and 203, or ECON 205. Previously ECON 415 3 credits
0101 TuTh.....3:30pm- 4:45pm (TYD 0101) Succar, P
0201 MWF.....10:00am-10:50am (TYD 2110) STAFF
0301 MWF.....11:00am-11:50am (TYD 2110) STAFF
0401 TuTh.....2:00pm- 3:15pm (TYD 1114) Succar, P

ECON316 Economic Development of Latin America; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201 and 203; or ECON 205. 3 credits
0101 TuTh.....2:00pm- 3:15pm (TYD 0101) Clague, C

ECON321 Economic Statistics; Grade Method: REG/P-F/AUD; Prerequisite: MATH 220 or equivalent. Not open to students who have taken BMGT 230 or 231. Previously ECON 421. 3 credits
0101 MWF.....12:00pm-12:50pm (TYD 0101) Cropper, M
0201 TuTh.....11:00am-12:15pm (TYD 2110) Betancourt, R

ECON361 Economics of American Industries; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201 and 203; or ECON 205. 3 credits
0101 TuTh.....11:00am-12:15pm (TYD 2111) Kessides, I
0201 MWF.....2:00pm- 2:50pm (TYD 0101) STAFF

ECON370 Labor Markets, Human Resources, and Trade Unions; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201 and 203; or ECON 205. Credit will be given for only one course: ECON 370 or ECON 470. 3 credits

ENROLLMENTS IN ALL 300 & 400 LEVEL ECON COURSES WILL GENERALLY BE LIMITED TO TWO COURSES. REQUESTS TO TAKE MORE THAN TWO 300 OR 400 LEVEL ECON COURSES, BASED ON ECON COURSE REQUIREMENTS NEEDED FOR DECEMBER 1988 GRADUATION, MUST BE APPROVED BY THE DEPARTMENT OF ECONOMICS. COMPLETION OF PREREQUISITE REQUIREMENTS WILL BE EXPECTED. SEE UNDERGRADUATE CATALOG COURSE LISTINGS FOR PREREQUISITES.

0201 MWF.....11:00am-11:50am (TYD 2106) Weinstein, P
0301 TuTh.....9:30am-10:45am (TYD 1114) Abraham, K
0401 MWF.....10:00am-10:50am (JRN 1104) Weinstein, P

ECON374 Sex Roles in Economic Life; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201 and ECON 203; or ECON 205. 3 credits
0101 MWF.....1:00pm- 1:50pm (TYD 0117) STAFF
0201 TuTh.....11:00am-12:15pm (ARM 0117) Bergmann, B

ECON375 Economics of Poverty and Discrimination; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201 and ECON 203; or ECON 205. 3 credits
0101 W.....4:00pm- 6:30pm (LEF 2208) Myers, S

ECON380 Comparative Economic Systems; Grade Method: REG/P-F/AUD; Prerequisite: ECON 201 and 203; or ECON 205. 3 credits
0101 MWF.....12:00pm-12:50pm (TYD 2111) Clement, C

ECON385 Economics of Natural Resources; Grade Method: REG/P-F/AUD; Prerequisites: ECON 205 or ECON 203. 3 credits
0101 TuTh.....2:00pm- 3:15pm (WDS 0104) Cumberland, J

ECON396 Independent Honors Study; Grade Method: REG/P-F/AUD; Prerequisite: candidacy for honors in economics or by permission of instructor. 3 credits
0101 Tu.....3:30pm- 6:00pm (TYD 2100) Oates, W

ECON397 Honors Thesis; Grade Method: REG/P-F/AUD; Prerequisites: ECON 396 and candidacy for honors in economics. 3 credits
0101 Time and room to be arranged Straszheim, M

ECON398R Topics in Economics: Economic Regulation; Grade Method: REG/P-F/AUD; Prerequisite: ECON 201 and 203. 3 credits
0101 TuTh.....8:00am- 9:15am (TYD 1128) Alger, D

ECON399 Individual Reading and Research For Undergraduates; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Permission of instructor must be arranged in advance. Open only to students who have previously earned 6 or more credits in upper division economics courses. 3 credits

ECON402 Macroeconomic Models and Forecasting; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: ECON 305 or 405. 3 credits
0101 Tu.....6:30pm- 9:00pm (TYD 1128) Sabelhaus, J
0201 MWF.....10:00am-10:50am (WDS 1114) Hiemstra, C
0301 TuTh.....9:30am-10:45am (TYD 1128) Almon Jr, C

ECON406 Advanced Intermediate Microeconomic Theory; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201, ECON 203 and MATH 220 or its equivalent. Credit will be given for only one course: ECON 403 or ECON 406. 3 credits
0101 MWF.....1:00pm- 1:50pm (TYD 2111) Schwab, R

ECON422 Quantitative Methods in Economics I; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201, ECON 203, and ECON 321 (or BMGT 230); or permission of department. 3 credits
0101 MWF.....11:00am-11:50am (WDS 0104) Cropper, M

ECON424 Computer Methods in Economics; Grade Method: REG/P-F/AUD; Previously ECON 398D. Prerequisites: ECON 201, 203 and ECON 321 (or BMGT 230). 3 credits
0101 TuTh.....9:30am-10:45am (TYD 1132) Bergmann, B

ECON425 Mathematical Economics; Grade Method: REG/P-F/AUD; Prerequisites: ECON 401, ECON 403, and one year of college math. 3 credits
0201 TuTh.....12:30pm- 1:45pm (TYD 0101) Coughlin, P

ECON430 Money and Banking; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201 and ECON 203. Credit will be given for only one course: ECON 430 or ECON 431. 3 credits
0101 MWF.....12:00pm-12:50pm (TYD 0130) Meyer, P
0401 MWF.....12:00pm-12:50pm (TYD 2106) Huh, G
0501 MWF.....10:00am-10:50am (TYD 1114) Anderson, G
0601 MWF.....11:00am-11:50am (TYD 1114) Huh, G
0701 TuTh.....8:00am- 9:15am (WDS 1114) STAFF
0801 TuTh.....11:00am-12:15pm (TYD 1128) STAFF

ECON440 International Economics; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201 and ECON 203. Credit will be given for only one course: ECON 440 or ECON 441. 3 credits
0101 TuTh.....8:00am- 9:15am (TYD 2110) STAFF
0201 MWF.....1:00pm- 1:50pm (TYD 0101) STAFF
0301 TuTh.....2:00pm- 3:15pm (TYD 2106) Panagariya, A
0401 MWF.....2:00pm- 2:50pm (TYD 1140) STAFF
0501 TuTh.....3:30pm- 4:45pm (TYD 2111) Wonnacott, P
0601 TuTh.....2:00pm- 3:15pm (JMZ 0103) STAFF

ECON441 Theory of International Economics; Grade Method: REG/P-F/AUD; Prerequisites: ECON 401 or ECON 405 and ECON 403 or ECON 406. Credit will be given for only one course: ECON 440 or ECON 441. 3 credits
0101 TuTh.....2:00pm- 3:15pm (TYD 1128) Wonnacott, P

ECON450 Introduction to Public Sector Economics; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201 and ECON 203; or ECON 205. Credit will be given for only one course: ECON 450 or ECON 454. 3 credits
0201 MWF.....11:00am-11:50am (TYD 1128) Lyon, A

ECON460 Industrial Organization; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201 and ECON 203; or ECON 205. 3 credits
0101 TuTh.....2:00pm- 3:15pm (TYD 2110) Kessides, I

ECON470 Theory of Labor Economics; Grade Method: REG/P-F/AUD; Prerequisite: ECON 403 or 406. Credit will be given for only one course: ECON 370 or 470. 3 credits
0101 TuTh.....12:30pm- 1:45pm (TYD 1114) Abraham, K

ECON490 Survey of Urban Economic Problems and Policies; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisites: ECON 201 and ECON 203; or ECON 205. 3 credits
0101 TuTh.....9:30am-10:45am (WDS 0104) STAFF

ECON601 Macroeconomic Analysis; Grade Method: REG/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (TYD 1140) Haltiwanger, J

ECON603 Microeconomic Analysis I; Grade Method: REG/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (TYD 0102) Betancourt, R
0201 MW.....2:00pm- 3:15pm (TYD 1114) Schwab, R

ECON606 History of Economic Thought; Grade Method: REG/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (TYD 1132) Dillard, D

ECON615 Economic Development of Underdeveloped Areas; Grade Method: REG/AUD; Prerequisites: ECON 601 and 603. 3 credits
0101 TuTh.....9:30am-10:45am (TYD 2100) Clague, C

ECON621 Quantitative Economics I; Grade Method: REG/AUD; 3 credits
0201 TuTh.....12:30pm- 1:45pm (TYD 1132) Kelejian, H

ECON623 Econometrics I; Grade Method: REG/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (TYD 2110) Prucha, I

ECON661 The Corporate Firm; Grade Method: REG/AUD; Prerequisites: ECON 603, 622 or 624. 3 credits
0101 MW.....12:30pm- 1:45pm (TYD 1132) Mueller, D

ECON681 Comparative Economic Systems and Economic Planning; Grade Method: REG/AUD; Prerequisite: ECON 603 or equivalent. 3 credits
0101 Tu.....7:00pm- 9:40pm (TYD 2140) Murrell, P

ECON698 (PermReq) Selected Topics in Economics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

ECON698G Selected Topics in Economics: Sloan Workshop; Grade Method: REG/AUD; 3 credits
0101 M.....3:30pm- 6:00pm (TYD 2106) Schwab, R

ECON698M Selected Topics in Economics: Workshop in Applied Economics; Grade Method: REG/AUD; 3 credits
0101 W.....3:30pm- 6:00pm (TYD 1114) Olson, M

ECON698P Selected Topics in Economics: Workshop in Trade and Development; Grade Method: REG/AUD; 3 credits
0101 F.....3:30pm- 6:00pm (TYD 2106) Adams, J

ECON698R Selected Topics in Economics: Advanced Macroeconomics I; Grade Method: REG/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (TYD 1132) Ouliaris, S

ECON721 Econometrics III; Grade Method: REG/AUD; Prerequisite: ECON 624. 3 credits
0101 TuTh.....3:30pm- 4:45pm (TYD 1114) Kelejian, H

ECON731 Monetary Theory and Policy; Grade Method: REG/AUD; Prerequisite: ECON 601 and 603. 3 credits
0101 TuTh.....12:30pm- 1:45pm (TYD 2140) Haliassos, M

ECON742 Advanced International Economics II; Grade Method: REG/AUD; Advanced special students are not permitted. Prerequisite: ECON 603. 3 credits
0101 TuTh.....5:00pm- 6:15pm (TYD 2110) Panagariya, A

ECON751 Advanced Theory of Public Finance; Grade Method: REG/AUD; Prerequisite: ECON 601 and 603. 3 credits
0101 MW.....11:00am-12:15pm (TYD 1132) Oates, W

ECON755 Theory of Public Choice I; Grade Method: REG/AUD; Prerequiste: ECON 603. 3 credits
0101 MW.....2:00pm- 3:15pm (JRN 1105) Mueller, D

ECON771 Advanced Labor Economics: Theory and Evidence; Grade Method: REG/AUD; 3 credits
0101 MW.....9:00am-10:30am (TYD 2100) Evans, W

ECON799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ECON899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

EDCI Curriculum and Instruction (Education)

EDCI280 School Service Semester; Grade Method: S-F; 3 credits
0101 Tu.....2:00pm- 2:50pm (EDU 0202) Sublett Jr, H
Time and room to be arranged
0201 W.....11:00am-11:50am (EDU 1107) King, D
Time and room to be arranged
0301 M.....11:00am-11:50am (EDU 1107) King, D
Time and room to be arranged
0401 Th.....2:00pm- 2:50pm (EDU 1121) Sublett Jr, H
Time and room to be arranged

EDCI288D (PermReq) Special Topics in Teacher Education: Developmental Heuristics; Grade Method: REG; 3 credits
0101 Time and room to be arranged Grant, R

EDCI288M (PermReq) Special Topics in Teacher Education: Tutoring in Remedial Mathematics; Grade Method: REG/P-F/AUD; 1-3 credits
0101 M.....4:00pm- 4:50pm (Arranged) Shearn, E

EDCI298 (PermReq) Special Problems in Teacher Education; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDCI300 Curriculum and Instruction in Art Education; Grade Method: REG/P-F/AUD; Art education majors only. 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 1315) Craig, R

EDCI301 Teaching Art in the Elementary School; Grade Method: REG/P-F/AUD; 3 credits
0101 Th.....1:00pm- 4:00pm (EDU 1315) McWhinnie, H
0201 MWF.....2:00pm- 2:50pm (EDU 1315) STAFF

EDCI313 Creative Activities and Materials for the Young Child; Grade Method: REG/P-F/AUD; Field experiences scheduled on Monday and Wednesday. Blocked with EDCI 314, 318, 385, EDHD 419A. Early childhood majors only. 3 credits
0101 Tu.....1:00pm- 3:00pm (EDU 1107) STAFF
Time and room to be arranged

EDCI314 Teaching Language, Reading, Drama and Literature with Young Children; Grade Method: REG/P-F/AUD; Field experience scheduled on Monday and Wednesday. Blocked with EDCI 313, 318, 385, EDHD 419A. Early childhood education majors only. 3 credits
0101 Th.....9:00am-10:45am (EDU 1107) STAFF
Time and room to be arranged

EDCI318 Professional Development Seminar in Early Childhood Education; Grade Method: REG/P-F/AUD; Field experience scheduled for Monday and Wednesday. Blocked with EDCI 313, 314, 385, EDHD 419A. Early childhood education majors only. 2 credits
0101 M.....1:00pm- 3:45pm (EDU 1107) STAFF
Time and room to be arranged
0201 Th.....1:00pm- 3:45pm (EDU 1107) STAFF
Time and room to be arranged

EDCI320 Curriculum and Instruction in Secondary Education: Social Studies; Grade Method: REG/P-F/AUD; Secondary educaton social studies majors only. 3 credits
0101 M.....2:00pm- 3:15pm (LEF 1220) Cirrincione, J

EDCI322A Curriculum and Instruction in Elementary Education - Social Studies; Grade Method: REG/P-F/AUD; Teamed with EDCI 342A, 352A, 362A, and 372A. Elementary education majors only. 3 credits
0101 M.....10:00am-11:50am (EDU 2212) Weaver, V
Time and room to be arranged

EDCI322B Curriculum and Instruction in Elementary Education - Social Studies; Grade Method: REG/P-F/AUD; Teamed with EDCI 342B, 352B, 362B, and 372B. Elementary education majors only. 3 credits
0201 Tu.....9:30am-11:20am (EDU 2212) Jantz, R
Time and room to be arranged

EDCI322C (PermReq) Curriculum and Instruction in Elementary Education - Social Studies; Grade Method: REG/P-F/AUD; Teamed with EDCI 342C, 352C, 372C, 362C. Elementary education majors only. 3 credits
0301 W.....1:00pm- 3:00pm (EDU 3233) Herman Jr., W
Time and room to be arranged LAB

EDCI330 Curriculum and Instruction in Secondary Education: Foreign Language; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (EDU 2102) Delorenzo, W

EDCI340 Curriculum and Instruction in Secondary Education: English/Speech/Drama; Grade Method: REG/P-F/AUD; Concurrent enrollment in EDCI 447 required. Secondary English/speech/drama education majors only. 3 credits
0101 MW.....2:00pm- 3:15pm (EDU 3315) Slater, W

EDCI342A Curriculum and Instruction in Elementary Education: Language Arts; Grade Method: REG/P-F/AUD; Teamed with EDCI 352A, 362A, 372A, and 322A. Elementary education majors only. 3 credits
0101 W.....1:00pm- 2:50pm (EDU 0114) Roderick, J
Time and room to be arranged LAB

EDCI342B Curriculum and Instruction in Elementary Education: Language Arts; Grade Method: REG/P-F/AUD; Teamed with EDCI 352B, 362B, 372B, 322B. Elementary education majors only. 3 credits
0201 Tu.....1:00pm- 2:50pm (EDU 1121) STAFF
Time and room to be arranged

EDCI342C (PermReq) Curriculum and Instruction in Elementary Education: Language Arts; Grade Method: REG/P-F/AUD; Teamed with EDCI 322C, 352C, 362C, 372C. Elementary education majors only. 3 credits
0301 W.....10:00am-12:00pm (EDU 1121) Heidelbach, R
Time and room to be arranged LAB

EDCI350 Curriculum and Instruction in Secondary Education: Mathematics; Grade Method: REG; Secondary math education majors only. 3 credits
0101 TuTh.....2:00pm- 3:15pm (EDU 2121) STAFF

EDCI352A Curriculum and Instruction in Elementary Education: Mathematics; Grade Method: REG/P-F/AUD; Teamed with EDCI 342A, 362A, 372A, 322A. Elementary education majors only. 3 credits
0101 W.....10:00am-11:50am (EDU 2121) Campbell, P
Time and room to be arranged

EDCI352B Curriculum and Instruction in Elementary Education: Mathematics; Grade Method: REG/P-F/AUD; Teamed with EDCI 342B, 362B, 372B, 322B. Elementary education majors only. 3 credits
0201 Tu.....9:30am-11:20am (EDU 2121) Graeber, A
Time and room to be arranged

EDCI352C (PermReq) Curriculum and Instruction in Elementary Education: Mathematics; Grade Method: REG/P-F/AUD; Teamed with EDCI 322C, 342C, 362C, 372C. Elementary education majors only. 3 credits
0301 M.....10:00am-11:50am (EDU 2121) STAFF
Time and room to be arranged LAB

EDCI362A Curriculum and Instruction in Elementary Education: Reading; Grade Method: REG/P-F/AUD; Teamed with EDCI 322A, 342A, 352A, 372A. Elementary education majors only. 3 credits
0101 M.....1:00pm- 2:50pm (EDU 1121) King, S
Time and room to be arranged

EDCI362B Curriculum and Instruction in Elementary Education: Reading; Grade Method: REG/P-F/AUD; Teamed with EDCI 322B, 342B, 352B, 372B. Elementary education majors only. 3 credits
0201 Tu.....10:00am-11:50am (EDU 1121) Wilson, R
Time and room to be arranged

EDCI362C (PermReq) Curriculum and Instruction in Elementary Education: Reading; Grade Method: REG/P-F/AUD; Teamed with EDCI 322C, 342C, 352C, 372C. Elementary education majors only. 3 credits
0301 M.....8:00am- 9:50am (EDU 1121) Thompson, J
Time and room to be arranged LAB

EDCI370 Curriculum and Instruction in Secondary Education: Science; Grade Method: REG/P-F/AUD; Reserve one day per week for school observations. Secondary education science majors only. 3 credits
0101 TuTh.....2:00pm- 3:50pm (EDU 0220) Lockard, J

EDCI372A Curriculum and Instruction in Elementary Education: Science; Grade Method: REG/P-F/AUD; Teamed with EDCI 322A, 342A, 352A, 362A. Elementary education majors only. 3 credits
0101 M.....9:00am- 9:50am (EDU 2212) Eley Jr., G
Time and room to be arranged

EDCI372B Curriculum and Instruction in Elementary Education: Science; Grade Method: REG/P-F/AUD; Teamed with EDCI 322B, 342B, 352B, 362B. Elementary education majors only. 3 credits
0201 TuTh.....8:30am- 9:20am (EDU 2212) Williams, D
Time and room to be arranged

EDCI372C (PermReq) Curriculum and Instruction in Elementary Education: Science; Grade Method: REG/P-F/AUD; Teamed with EDCI 322C, 342C, 352C, 362C. Elementary education majors only. 3 credits
0301 W.....1:00pm- 3:00pm (EDU 0220) Sanford, J
Time and room to be arranged LAB

EDCI385 Computer Education for Teachers; Grade Method: REG/P-F/AUD; Field experience scheduled for Monday and Wednesday. Blocked with EDCI 313, 314, 318, 385 and EDHD 419A. Early childhood education majors only. 3 credits
0101 Th.....11:00am-12:00pm (EDU 1107) Gillingham, M
M.....1:00pm- 3:45pm (Arranged) LAB
Th.....1:00pm- 3:45pm (Arranged) LAB

EDCI386 Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

EDCI387 Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

EDCI390 Principles and Methods of Secondary Education; Grade Method: REG/P-F/AUD; 16 week course. Open to secondary education majors. Open also to 0803C, 0803G, 0803H, 0839B, 0839C, 08350, 08370, 08380. 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 1107) Arends, R
0201 Th.....7:00pm- 9:45pm (EDU 1107) Brigham, B

EDCI397 Introduction to Teaching; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....2:00pm- 3:15pm (EDU 4233) Jantz, R
0201 TuTh.....2:00pm- 3:15pm (EDU 2119) Eley Jr, G

EDCI401 Student Teaching in Elementary School: Art; Grade Method: S-F; Limited to elementary art majors who have previously applied. 4-8 credits
0101 Time and room to be arranged Craig, R

EDCI402 Student Teaching in Secondary Schools: Art; Grade Method: S-F; 2-8 credits
0101 Time and room to be arranged Craig, R

EDCI406 Practicum in Art Education: Two-Dimensional; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....1:00pm- 4:00pm (EDU 1315) McWhinnie, H

EDCI407 Practicum in Art Education: Three-Dimensional; Grade Method: REG/P-F/AUD; 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 1315) Craig, R

EDCI410 The Child and the Curriculum: Early Childhood; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....4:15pm- 7:00pm (EDU 1121) Saracho, O

EDCI411 Student Teaching: Preschool; Grade Method: S-F; 4 credits
0101 Time and room to be arranged Gambrell, L

EDCI412 Student Teaching: Kindergarten; Grade Method: S-F; 4 credits
0101 Time and room to be arranged Gambrell, L

EDCI413 Student Teaching: Primary Grades; Grade Method: S-F; EDCI 411 and EDCI 412 are prerequisites. 8 credits
0101 Time and room to be arranged Gambrell, L

EDCI420 Student Teaching Seminar in Secondary Education: Social Studies; Grade Method: S-F; 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 0202) Farrell, R

EDCI421 Student Teaching in Secondary Schools: Social Studies; Grade Method: S-F; 12 credits
0101 Time and room to be arranged Farrell, R

EDCI426 Methods of Teaching Social Studies in Secondary Schools; Grade Method: REG/P-F/AUD; 3 credits
0101 Time and room to be arranged Cirrincione, J

EDCI434 Methods of Teaching English to Speakers of Other Languages; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....4:15pm- 7:00pm (JMZ 0118) Markham, P

EDCI440 Student Teaching Seminar in Secondary Education: English, Speech, Drama; Grade Method: S-F; Must be concurrently enrolled in EDCI 441 or 442. Meets Sept. 21, Oct. 19, Nov. 16, Dec. 7. 1 credit
0101 W.....3:50pm- 5:00pm (JMZ 0103) Slater, W
Time and room to be arranged

EDCI441 Student Teaching in Secondary Schools: English; Grade Method: S-F; Concurrent registration in EDCI 440 is required. 12 credits
0101 Time and room to be arranged Slater, W

EDCI442 Student Teaching in Secondary Schools: 12 credits

ENROLLMENTS IN ALL 300 & 400 LEVEL ECON COURSES WILL GENERALLY BE LIMITED TO TWO COURSES. REQUESTS TO TAKE MORE THAN TWO 300 OR 400 LEVEL ECON COURSES, BASED ON ECON COURSE REQUIREMENTS NEEDED FOR DECEMBER 1988 GRADUATION, MUST BE APPROVED BY THE DEPARTMENT OF ECONOMICS. COMPLETION OF PREREQUISITE REQUIREMENTS WILL BE EXPECTED. SEE UNDERGRADUATE CATALOG COURSE LISTINGS FOR PREREQUISITES.

Speech; Grade Method: S-F; Concurrent registration with EDCI 440 is required.
0101 Time and room to be arranged — Slater, W

EDCI443 Literature for Children and Youth; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (EDU 1315) — Heidelbach, R
0201 Time and room to be arranged — Heidelbach, R
0301 TuTh.....11:00am-12:15pm (COL 3110) — Herman Jr., W
0401 TuTh.....12:30pm- 1:45pm (COL 3110) — Herman Jr., W

EDCI446 Methods of Teaching English, Speech, Drama in Secondary Schools; Grade Method: REG; — 3 credits
0101 Time and room to be arranged — McCaleb, J

EDCI447 Field Experience in English, Speech, Drama Teaching; Grade Method: S-F; Concurrent enrollment in EDCI 340 required. Secondary English/speech/drama education majors only. — 1 credit
0101 Time and room to be arranged — STAFF

EDCI450 Student Teaching Seminar in Secondary Education: Mathematics; Grade Method: REG/P-F/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 2121) — STAFF

EDCI451 Student Teaching in Secondary Schools: Mathematics; Grade Method: S-F; — 12 credits
0101 Time and room to be arranged — STAFF

EDCI453 (PermReq) Mathematics in the Elementary School; Grade Method: REG/P-F/AUD; Masters Certification students only. — 3 credits
0101 Th.....9:00am-12:00pm (EDU 2121) — STAFF

EDCI456 Diagnosis of Learning Disabilities in Mathematics; Grade Method: REG/P-F/AUD; For special education majors only. — 3 credits
0101 MW.....1:15pm- 2:30pm (EDU 2121) — Johnson, M

EDCI463 The Teaching of Reading in the Secondary School; Grade Method: REG/P-F/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 1121) — Brigham, B
0201 Tu.....4:15pm- 7:00pm (EDU 1121) — Davey, H

EDCI464 Clinical Practices in Reading Diagnosis and Instruction; Grade Method: REG/P-F/AUD; 0101 meets 5-6:30 on Sept. 14, 28, Oct. 19, Nov. 9; and MTuW 8-4 from Nov. 21 to Dec. 14. — 3 credits
0101 Time and room to be arranged — Saracho, O
0201 W.....4:15pm- 7:00pm (EDU 1315) — Dreher, J

EDCI466 Literature for Adolescents; Grade Method: REG/P-F/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (JMZ 0118) — McCaleb, J

EDCI471 Student Teaching in Secondary Schools: Science; Grade Method: S-F; Concurrent enrollment in EDCI 489B and 488F required. — 12 credits
0101 Time and room to be arranged — Layman, J

EDCI473 Environmental Education; Grade Method: REG/P-F/AUD; Open to non-education majors. — 3 credits
0101 W.....3:00pm- 6:00pm (EDU 0220) — Messersmith, D

EDCI481 Student Teaching: Elementary; Grade Method: S-F; Limited to elementary majors who have previously applied. — 12 credits
0101 Time and room to be arranged — Jantz, R

EDCI482 Student Teaching in Elementary School: Special Education; Grade Method: S-F; — 8 credits
0101 Time and room to be arranged — Jantz, R

EDCI484 Student Teaching in Elementary School: Music; Grade Method: S-F; Limited to music education majors enrolled in the Department of Curriculum and Instruction who have previously applied. — 4-6 credits
0101 Time and room to be arranged — Folstrom, R

EDCI485 Student Teaching in Elementary School: Physical Education; Grade Method: S-F; Limited to majors who have previously applied. — 4-8 credits
0101 Time and room to be arranged — STAFF

EDCI487 Introduction to Computers in Instructional Settings; Grade Method: REG/P-F/AUD; — 3 credits
0101 Tu.....7:00pm- 9:45pm (EDU 1107) — Gillingham, M

EDCI488F Selected Topics in Teacher Education: Computers in Science Education; Grade Method: REG/P-F/AUD; Concurrent enrollment in EDCI 471 and 489B required. — 2 credits
0101 Th.....5:15pm- 7:00pm (EDU 0220) — Layman, J

EDCI488O Selected Topics in Teacher Education: Orientation to Early Childhood Teaching; Grade Method: REG; Field experience scheduled for Mondays and Wednesdays. Blocked with EDCI 313, 314, 318, 385, EDHD 419A. Early childhood majors only. — 1 credit
0101 Time and room to be arranged — STAFF

EDCI489 (PermReq) Field Experiences in Education; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits

EDCI489B Field Experiences in Education: Seminar for Science Student Teachers; Grade Method: REG/P-F/AUD; Must be concurrently enrolled in EDCI 471 and 488F — 1 credit
0101 Th.....4:15pm- 5:15pm (EDU 0220) — Layman, J

EDCI491 Student Teaching in Secondary Schools: Health; Grade Method: S-F; — 12 credits
0101 Time and room to be arranged — Miller, C

EDCI494 Student Teaching in Secondary Schools: Music; Grade Method: S-F; — 2-8 credits
0101 Time and room to be arranged — Folstrom, R

EDCI495 Student Teaching in Secondary Schools: Physical Education; Grade Method: S-F; — 2-8 credits
0101 Time and room to be arranged — STAFF

EDCI498 (PermReq) Special Problems in Teacher Education; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDCI600 Trends in Art Education Curriculum; Grade Method: REG/AUD; — 3 credits
0101 Time and room to be arranged — Craig, R

EDCI611 The Young Child in the Community; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (JMZ 0204) — STAFF

EDCI614 Intellectual and Creative Experiences in Early Childhood Education; Grade Method: REG/AUD; — 3 credits
0101 Th.....7:00pm- 9:45pm (EDU 2212) — Williams, D

EDCI630 Trends in Secondary School Curriculum: Foreign Language; Grade Method: REG/AUD; — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 1315) — Delorenzo, W

EDCI650 Trends in Mathematics Education; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 2121) — Fey, J

EDCI660 Corrective Reading Instruction; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 0212) — Davey, H

EDCI664 Clinical Assessment in Reading; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 1107) — Gambrell, L

EDCI666 The Role of the Reading Resource Teacher; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (JMZ 1104) — Brigham, B

EDCI670 Trends in Secondary School Curriculum: Science; Grade Method: REG/AUD; — 3 credits
0101 Tu.....7:00pm- 9:45pm (EDU 2212) — Krajcik, J

EDCI685 Research Methods; Grade Method: REG/AUD; — 3 credits
0101 W.....7:00pm- 9:45pm (EDU 2203) — Sanford, J

EDCI730 Theory and Research in Foreign Language/ESOL Education; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 1121) — Delorenzo, W

EDCI740 Theory and Research in English Education; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (JMZ 1120) — Roderick, J

EDCI769 Theory and Research in Reading; Grade Method: REG/AUD; — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 1203) — Dreher, J

EDCI780 Theory and Research on Teaching; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 0210) — Borko, H

EDCI788I (PermReq) Selected Topics in Teacher Education: Teaching of Reading and Writing: Elementary and Secondary; Grade Method: REG; Masters certification students only. — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 0202) — Garner, R

EDCI788J (PermReq) Selected Topics in Teacher Education: Study of Teaching: Elementary and Secondary; Grade Method: REG; Masters certification students only. — 3 credits
0101 M.....9:00am-12:00pm (EDU 2102) — STAFF

EDCI788L (PermReq) Selected Topics in Teacher Education: Elementary Instruction in Content Area: Elementary; Grade Method: REG; Master's certification students only. — 3 credits
0101 W.....1:00pm- 4:00pm (EDU 0212) — Eley Jr, G

EDCI788T Selected Topics in Teacher Education: Proseminar in Professional Training and Development; Grade Method: REG/AUD; — 3 credits
0101 M.....7:00pm- 9:45pm (EDU 1121) — Brand, C

EDCI798 (PermReq) Special Problems in Teacher Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDCI799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDCI810 Seminar in Early Childhood Education; Grade Method: REG/AUD; — 3 credits
0101 Tu.....7:00pm- 9:45pm (EDU 1121) — STAFF

EDCI858 Seminar in Mathematics Education; Grade Method: REG/AUD; — 1 credit
0101 F.....10:00am-12:00pm (EDU 2121) — Fey, J

EDCI880 Doctoral Proposal Seminar; Grade Method: REG/AUD; — 3 credits
0201 Th.....4:15pm- 7:00pm (JMZ 1123) — STAFF
0301 W.....1:00pm- 3:45pm (EDU 2203) — Weaver, V

EDCI881 Seminar in Instructional Computing; Grade Method: REG/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 2212) — Krajcik, J

EDCI888 (PermReq) Apprenticeship in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

EDCI889 (PermReq) Internship in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3-8 credits

EDCI899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

EDCP Education Counseling and Personnel Services (Education)

All sections of EDCP 108, except EDCP 108R, closed to seniors.

EDCP108B College Aims: Reading and Study Skills; Grade Method: REG/P-F/AUD; — 1 credit
0101 MW.....8:00am- 8:50am (SHM 2101) — Van Brunt, J
0201 MW.....9:00am- 9:50am (SHM 2102) — Van Brunt, J

EDCP108D College Aims: Career Planning and Decision Making; Grade Method: REG/P-F/AUD; Recommended for second semester freshmen and sophomores. — 1 credit
0101 M.....1:00pm- 3:00pm (EDU 3236) — Powell, C
0201 M.....2:00pm- 4:00pm (EDU 0212) — Powell, C
0301 Tu.....12:30pm- 2:30pm (EDU 1203) — Powell, C
0401 Tu.....2:00pm- 4:00pm (JMZ 0208) — Powell, C
0501 W.....1:00pm- 3:00pm (EDU 3236) — Powell, C
Section 0501 recommended for students 23 years or older.
0601 W.....2:00pm- 4:00pm (EDU 1121) — Powell, C

EDCP108M College Aims: Math Study Skills and Building Confidence; Grade Method: REG/AUD; Enrollment limited to students concurrently enrolled in MATH 001 or MATH 002. — 1 credit
0101 Meets 09/14/88 - 11/09/88 — Shearn, E
WF.....12:00pm-12:50pm (EGR 1110)

EDCP108O (PermReq) College Aims: The Student in the University; Grade Method: REG; For permission to register, go to Orientation Office, Room 1195 Stamp Union Building. — 1 credit
0101 Meets 09/12/88 - 11/04/88 — Strumpf, G
M.....10:00am-12:00pm (EDU 3233)
0201 Meets 09/12/88 - 11/04/88 — Strumpf, G
M.....2:00pm- 4:00pm (EDU 3233)
0301 Meets 09/12/88 - 11/04/88 — Strumpf, G
M.....2:00pm- 4:00pm (EDU 0114)
0401 Meets 09/12/88 - 11/04/88 — Strumpf, G
M.....3:00pm- 5:00pm (TWS 1202)
0501 Meets 09/12/88 - 11/04/88 — Strumpf, G
Tu.....9:00am-11:00am (JMZ 0122)
0601 Tu.....1:00pm- 3:00pm (JMZ 2122) — Strumpf, G
0701 Tu.....2:00pm- 4:00pm (EDU 2203) — Strumpf, G
0801 Tu.....2:00pm- 4:00pm (TLF 0108) — Strumpf, G
0901 W.....10:00am-12:00pm (EDU 3233) — Strumpf, G
1001 W.....2:00pm- 4:00pm (EDU 1107) — Strumpf, G
1101 W.....2:00pm- 4:00pm (HBK 0125) — Strumpf, G
1201 W.....3:00pm- 5:00pm (JMZ 1224) — Strumpf, G
1301 Th.....9:00am-11:00am (EDU 3236) — Strumpf, G
1401 Th.....1:00pm- 3:00pm (EDU 2203) — Strumpf, G
1501 Th.....2:00pm- 4:00pm (JMZ 1226) — Strumpf, G

EDCP108R College Aims: Returning Students; Grade Method: REG/P-F/AUD; — 1 credit
0101 W.....12:00pm- 2:00pm (ARC 1103) — Greenfeig, B
0201 Th.....12:30pm- 2:30pm (JMZ 0204) — Goldberg, B

EDCP108W (PermReq) College Aims: Relationship Skills Workshops in Residence Halls; Grade Method: REG; For permission to register, see resident assistant or resident director. — 1 credit
0101 W.....6:00pm- 8:45pm (Arranged) — Van Bebber, L
0201 W.....6:00pm- 8:45pm (Arranged) — Van Bebber, L
0301 W.....6:00pm- 8:45pm (Arranged) — Van Bebber, L
0401 W.....6:00pm- 8:45pm (Arranged) — Van Bebber, L
0501 W.....6:00pm- 8:45pm (Arranged) — Van Bebber, L

EDCP108X College Aims: Study Skills for International Students; Grade Method: REG/AUD; — 1 credit
0101 Meets 09/13/88 - 11/22/88 — STAFF
TuTh.....11:00am-12:15pm (EDU 0206)

EDCP310 Peer Counseling Theory and Skills; Grade Method: REG; — 3 credits
0101 TuTh.....9:30am-11:00am (EDU 3233) — STAFF
0201 TuTh.....12:30pm- 2:00pm (EDU 3233) — STAFF
0301 W.....4:15pm- 7:00pm (EDU 3233) — STAFF

EDCP310A Peer Counseling Theory and Skills; Grade Method: REG; Minority peer counseling. Recommended for students interested in helping minority students at UMCP. — 3 credits
0101 W.....2:00pm- 4:45pm (JMZ 2206) — Molla, B

EDCP386 (PermReq) Field Work; Grade Method: REG; Concurrent with EDCP 387. — 2 credits
0101 Time and room to be arranged — Komives, S

EDCP387 (PermReq) Field Work Analysis; Grade Method: REG; Concurrent with EDCP 386. — 1 credit
0101 Time and room to be arranged — Komives, S

EDCP413 Behavior Modification; Grade Method: REG/P-F/AUD; — 3 credits
0101 W.....7:00pm- 9:45pm (EDU 0212) — Pumroy, D

EDCP417 (PermReq) Group Dynamics and Leadership; Grade Method: REG/P-F/AUD; Section 0101 recommended for fraternity/sorority students; Section 0301 resident hall students only. — 3 credits
0101 TuTh.....11:00am-12:15pm (EDU 3236) — Cuyjet, M
0201 TuTh.....3:30pm- 4:45pm (JMZ 1215) — Cuyjet, M
0301 TuTh.....3:30pm- 4:45pm (JMZ 2120) — Mielke, P

EDCP420 Education and Racism; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 1107) — Sedlacek, W

EDCP460 Introduction to Rehabilitation Counseling; Grade Method: REG/P-F/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 1107) — Lawrence, R

EDCP462 The Disabled Person in American Society; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (EDU 3233) — Power, P

EDCP489 (PermReq) Field Experiences in Counseling and Personnel Services; Grade Method: REG; — 1-4 credits
0101 Time and room to be arranged — STAFF
1901 Time and room to be arranged — Pumroy, D

EDCP489L (PermReq) Workshops, Clinics, Institutes: Preparation to Lead Relationship Skills Workshops; Grade Method: REG/P-F/AUD; — 3 credits
0101 Time and room to be arranged — Mielke, P
0201 Time and room to be arranged — Mielke, P
0301 Time and room to be arranged — Mielke, P
0401 Time and room to be arranged — Mielke, P
0501 Time and room to be arranged — Mielke, P

EDCP610C Professional Orientation; Grade Method: REG/AUD; Limited to community counseling students. — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 2119) — Hershenson, D

EDCP610P Professional Orientation; Grade Method: REG/AUD; Limited to school psychology students. — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 3212) — Strein, W

EDCP610R Professional Orientation; Grade Method: REG/AUD; Limited to rehabilitation counseling students. — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 2203) — Lawrence, R

EDCP610S Professional Orientation; Grade Method: REG/AUD; Limited to school counseling students. — 3 credits
0101 W.....4:15pm- 7:00pm (JMZ 1120) — Rhoads, D

EDCP610U Professional Orientation; Grade Method: REG; Limited to college student personnel students. — 3 credits
0101 W.....4:15pm- 7:00pm (JMZ 0125) — STAFF

EDCP614 Personality Theories in Counseling and Personnel Services; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 3233) — Greenberg, K

EDCP615 Counseling I: Appraisal; Grade Method: REG/AUD; Limited to EDCP majors only. Concurrent enrollment in EDCP 798 section 2801 required. — 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 3233) — Greenberg, K
0201 Tu.....4:15pm- 7:00pm (JMZ 1122) — STAFF

EDCP617 Group Counseling; Grade Method: REG/AUD; Limited to EDCP majors who have completed EDCP 616. — 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 0206) — Mullison, D

EDCP619C (PermReq) Practicum in Counseling; Grade Method: REG/AUD; Limited to community counseling majors. — 3 credits
0101 W.....1:00pm- 4:00pm (EDU 3202) — Spokane, A
0201 W.....4:15pm- 7:00pm (EDU 3202) — STAFF
0301 Th.....1:00pm- 4:00pm (EDU 1203) — Hoffman, M

EDCP619R Practicum in Counseling; Grade Method: REG/AUD; Rehabilitation students only. — 2-6 credits
0101 Tu.....4:15pm- 7:00pm (EDU 3202) — Lawrence, R

EDCP619U Practicum in Counseling; Grade Method: REG; Limited to CSPA majors. — 2-6 credits
0101 Th.....2:00pm- 5:00pm (SHM 1103) — Boyd, V
0201 Tu.....1:00pm- 4:00pm (SHM 1103) — Westbrook, F

EDCP625 (PermReq) Counseling the Chemically Dependent; Grade Method: REG/AUD; — 3 credits
0101 Th.....12:00pm- 2:45pm (EDU 0202) — Wood, B

EDCP633 Diagnostic Appraisal of Children I; Grade Method: REG/AUD; Concurrent registration in EDCP 789T required. — 3 credits
0101 Th.....9:30am-12:15pm (EDU 0210) — Teglasi-Golubco
Time and room to be arranged

EDCP635 Therapeutic Techniques and Classroom Management I; Grade Method: REG/AUD; — 3 credits
0101 Th.....12:30pm- 3:15pm (EDU 0210) — Pumroy, D

EDCP656 Counseling and Personnel Services Seminar; Grade Method: REG; Recommended for first year CSPA students only. — 2 credits
0101 W.....4:15pm- 7:00pm (JMZ 0202) — STAFF

EDCP668C (PermReq) Special Topics in Rehabilitation: Vocational Assessment in Rehabilitation; Grade Method: REG/AUD; Rehabilitation majors only. — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 3233) — Power, P

EDCP718 Advanced Seminar in Group Processes: Group Counseling Practicum; Grade Method: REG/AUD; For counseling psychology majors only. — 3 credits
0101 M.....9:00am-12:00pm (EDU 3236) — STAFF

EDCP726 (PermReq) Practicum in Individual Testing I; Grade Method: REG/AUD; — 3 credits
0101 M.....1:00pm- 4:00pm (EDU 2203) — Strein, W

EDCP778 Research Proposal Seminar; Grade Method: REG; Limited to EDCP majors. — 3 credits
0101 M.....7:00pm- 8:45pm (SHM 1103) — Magoon, T
Time and room to be arranged DIS
0201 W.....4:15pm- 6:00pm (JMZ 1124) — Spokane, A
Time and room to be arranged DIS

EDCP789D (PermReq) Advanced Topics in Counseling and Personnel Services: Developmental Instruction; Grade Method: REG; — 3 credits
0101 Tu.....4:15pm- 7:00pm (JMZ 2117) — McEwen, M

EDCP789E Advanced Topics in Counseling and Personnel Services: Designing Career Development Programs for Business and Industry; Grade Method: REG; — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 0212) — Leibowitz, Z

EDCP789F Advanced Topics in Counseling and Personnel Services: Clinical Use of Appraisal Measures; Grade Method: REG; Prerequisite: EDCP 616. — 3 credits
0101 Th.....9:00am-12:00pm (EDU 2203) — Lucas, M

EDCP789I Advanced Topics in Counseling and Personnel Services: Professional Issues in Counseling Psychology; Grade Method: REG; Limited to counseling PSYC majors. — 2 credits
0101 Tu.....9:00am-10:30am (EDU 3236) — Birk, J
Time and room to be arranged DIS
0201 W.....9:00am-10:30am (EDU 3236) — Birk, J
Time and room to be arranged DIS

EDCP789K Advanced Topics in Counseling and Personnel Services: University Environmental Assessment; Grade Method: REG; — 3 credits
0101 Tu.....9:00am-11:45am (EDU 0202) — STAFF

EDCP789R Advanced Topics in Counseling and Personnel Services: Pre-Practicum in School Counseling; Grade Method: REG/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 0210) — Greenberg, K

EDCP789T Advanced Topics in Counseling and Personnel Services: Practicum in Assessment; Grade Method: REG/AUD; Concurrent enrollment in EDCP 633 required. — 2 credits
0101 Tu.....9:30am-12:15pm (EDU 2203) — Teglasi-Golubco

EDCP789U Advanced Topics in Counseling and Personnel Services: Advanced Theories of Student Personnel Administration; Grade Method: REG; — 3 credits
0101 W.....3:30pm- 6:00pm (Arranged) — STAFF

EDCP789X (PermReq) Advanced Topics in Counseling and Personnel Services: Practicum in Consultation; Grade Method: REG; — 3 credits
0101 F.....9:00am-12:00pm (Arranged) — Leonard, M

EDCP789Z Advanced Topics in Counseling and — 3 credits

(PermReq) Personnel Services: Substance Abuse Counseling-Theories and Research; Grade Method: REG; Counseling psychology majors only.
0101 Time and room to be arranged — Hoffman, M

EDCP798 (PermReq) Special Problems in Counseling and Personnel Services; Grade Method: REG/AUD; Individual Instruction course; contact department or instructor to obtain section number. — 1-6 credits

EDCP798B Special Problems in Counseling and Personnel Services: Joint Vocational Education Seminar; Grade Method: REG/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (JMP 1202) — Stough, K

EDCP799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDCP888 (PermReq) Apprenticeship in Counseling and Personnel Services: Apprenticeship; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

EDCP888U Apprenticeship in Counseling and Personnel Services: College Student Personnel Administration Apprenticeship; Grade Method: REG/AUD; — 3 credits
0101 M.....3:30pm- 6:00pm (Arranged) — Komives, S

EDCP889 (PermReq) Internship in Counseling and Personnel Services; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3-8 credits

EDCP899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

EDHD Education, Human Development (Education)

EDHD300E (PermReq) Human Development and Learning; Grade Method: REG/AUD; Elementary emphasis. Open only to students who are following a complete teacher education program. First class meeting determined by campus section, not off-campus lab day. — 6 credits
0101 WF.....10:00am-12:00pm (EDU 3315) — Bennett, S
M.....8:00am- 1:00pm (Arranged) LAB
0201 MW.....12:00pm- 2:00pm (EDU 3315) — Seefeldt, C
F.....8:00am- 1:00pm (Arranged) LAB
0301 TuTh.....12:00pm- 2:00pm (EDU 3315) — Green, H
W.....8:00am- 1:00pm (Arranged) LAB

EDHD300S (PermReq) Human Development and Learning; Grade Method: REG/AUD; Secondary emphasis. Open only to students with junior standing who are following a complete teacher education program. First class meeting determined by campus section, not off-campus lab day. — 6 credits
0701 MF.....12:00pm- 2:00pm (EDU 1315) — STAFF
W.....11:00am- 3:00pm (Arranged) LAB
0801 TuTh.....12:30pm- 2:30pm (HBK 0105) — Gardner, A
Tu.....8:00am-12:00pm (Arranged) LAB
0901 MF.....10:00am-12:00pm (EDU 2119) — STAFF
W.....11:00am- 3:00pm (Arranged) LAB

EDHD306 Study of Human Behavior; Grade Method: REG/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits
0101 MWF.....12:00pm-12:50pm (EDU 2101) — STAFF
0201 TuTh.....9:30am-10:45am (EDU 2101) — STAFF
0301 TuTh.....2:00pm- 3:15pm (EDU 3315) — STAFF
0401 MWF.....10:00am-10:50am (EDU 0114) — STAFF

EDHD320 Human Development Through the Lifespan; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (EDU 1315) — STAFF
0201 TuTh.....12:30pm- 1:45pm (EDU 2102) — Torney-Purta, J
0301 MWF.....9:00am- 9:50am (EDU 3315) — STAFF
0401 MWF.....10:00am-10:50am (EDU 1107) — STAFF

EDHD340 Human Development Aspects of the Helping Relationship; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (EDU 3315) — STAFF

EDHD350 Human Development Factors in Personal Development; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (EDU 2101) — STAFF
0201 TuTh.....12:30pm- 1:45pm (EDU 0212) — STAFF

EDHD386 (PermReq) Field Work; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

EDHD387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

EDHD400 Introduction to Gerontology; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (EDU 2102) — Robertson-Tchab

EDHD411 Child Growth and Development; Grade Method: REG/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 3315) — STAFF

EDHD413 Adolescent Development; Grade Method: REG/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 3315) — STAFF
0201 TuTh.....12:30pm- 1:45pm (EDU 2119) — STAFF

EDHD419A Human Development and Learning in School Settings: Infancy and Preschool; Grade Method: REG/AUD; Open to pre-early childhood and early childhood education majors only. — 3 credits
0101 Tu.....10:00am-12:00pm (EDU 1107) — Eliot, J
MW.....9:00am-12:00pm (Arranged) LAB

EDHD445 Guidance of Young Children; Grade Method: REG/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 3315) — Koopman, E
0201 TuTh.....2:00pm- 3:15pm (ARC 1127) — STAFF
0401 TuTh.....11:00am-12:15pm (EDU 2119) — STAFF

EDHD460 Educational Psychology; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (EDU 2101) — STAFF
0201 W.....4:15pm- 7:00pm (EDU 0206) — Huebner, R

EDHD489 (PermReq) Field Experiences in Education; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits

EDHD498 (PermReq) Special Problems in Education; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

EDHD499A (PermReq) Workshops, Clinics, and Institutes: Divorce: Parent-Child Relations; Grade Method: REG/AUD; — 1 credit
0101 Meets 09/08/88 - 10/06/88 — Koopman, E
Th.....4:15pm- 7:00pm (EDU 3315)

EDHD499B (PermReq) Workshops, Clinics, and Institutes: Divorce: Legal Aspects; Grade Method: REG/AUD; — 1 credit
0101 Meets 10/13/88 - 11/03/88 — Koopman, E
Th.....4:15pm- 7:00pm (EDU 3315)

EDHD499C (PermReq) Workshops, Clinics, and Institutes: Divorce: Financial and Career Changes; Grade Method: REG/AUD; — 1-6 credits
0101 Meets 11/10/88 - 12/15/88 — Koopman, E
Th.....4:15pm- 7:00pm (EDU 3315)

EDHD600 Introduction to Human Development and Child Study; Grade Method: REG/AUD; — 3 credits
0101 Tu.....7:00pm- 9:45pm (EDU 3315) — Flatter, C
0201 W.....4:15pm- 7:00pm (JMZ 2102) — Taylor, A

EDHD601 Biological Bases of Behavior; Grade Method: REG/AUD; — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 2102) — Bennett, S

EDHD602 Social Bases of Behavior; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 2102) — Taylor, A

EDHD620 Aging in the Cultural Context; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (JMZ 0103) — Robertson-Tchab

EDHD700 Infant Development; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 2119) — STAFF

EDHD710 Affectional Relationships and Processes in Human Development; Grade Method: REG/AUD; — 3 credits
0101 M.....4:15pm- 7:00pm (JMZ 0120) — STAFF

EDHD721 Learning Theory and the Educative Process I; Grade Method: REG/AUD; — 3 credits
0101 Th.....7:00pm- 9:45pm (EDU 3315) — Holloway, S
0201 W.....4:15pm- 7:00pm (EDU 0114) — Seefeldt, C

EDHD722 Learning Theory and the Educative Process II; Grade Method: REG/AUD; — 3 credits
0101 Tu.....7:00pm- 9:45pm (EDU 2102) — Eliot, J

EDHD740 Theories of Conflict Resolution in Human Development; Grade Method: REG/AUD; — 3 credits
0101 Th.....7:00pm- 9:45pm (EDU 2102) — Hunt, E

EDHD779C Special Topics in Human Development: Team Research in Socialization Processes; Grade Method: REG/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 3236) — Robertson-Tchab

EDHD779E (PermReq) Special Topics in Human Development: Developmental Lab; Grade Method: REG/AUD; — 3 credits
0101 Time and room to be arranged — Porges, S

EDHD779G Special Topics in Human Development: Team Research in Self Development; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 3236) LAB — Flatter, C

EDHD779L (PermReq) Special Topics in Human Development: Laboratory in Developmental Psychophysiology; Grade Method: REG/AUD; — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 3236) — Porges, S

EDHD780 Research Methods in Human Development; Grade Method: REG/AUD; — 3 credits
0101 M.....7:00pm- 9:45pm (EDU 3236) — Huebner, R

EDHD789 Internship in Human Development; Grade Method: REG/AUD; — 3-8 credits
1401 Time and room to be arranged — Hunt, E

EDHD798 (PermReq) Special Problems in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Limited to human development majors. — 1-6 credits

EDHD799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Limited to human development majors. — 1-6 credits

EDHD810 Physical Processes in Human Development I; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 0212) — Fox, N

EDHD820 Socialization Processes in Human Development I; Grade Method: REG/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (JMZ 1104) — Torney-Purta, J

EDHD830 Self Processes in Human Development I; Grade Method: REG/AUD; — 3 credits
0101 Th.....7:00pm- 9:45pm (EDU 1121) — Tyler, B

EDHD831 Self Processes in Human Development II; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 2102) — STAFF

EDHD888 (PermReq) Apprenticeship in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

EDHD889 (PermReq) Internship in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3-8 credits

EDHD899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Limited to human development majors. — 1-8 credits

---

EDIT Industrial, Technological and Occupational Education (Education)

EDIT101 Mechanical Drawing I; Grade Method: REG/AUD; — 2 credits
0101 MW.....11:00am- 1:00pm (JMP 2229) — Mosser, D
MW.....11:00am- 1:00pm (JMP 2229) LAB
0201 TuTh.....9:00am-11:00am (JMP 2229) — Volk, K
TuTh.....9:00am-11:00am (JMP 2229) LAB
0301 TuTh.....11:00am- 1:00pm (JMP 2229) — Mosser, D
TuTh.....11:00am- 1:00pm (JMP 2229) LAB

EDIT102 Fundamentals of Woodworking; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....8:00am-10:00am (JMP 1210) — Smith, J
MWF.....8:00am-10:00am (JMP 1210) LAB
0301 TuTh.....9:00am-12:00pm (JMP 1210) — Smith, J
TuTh.....9:00am-12:00pm (JMP 1210) LAB

EDIT112 Technical Calculations; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (JMP 3201) — Stough, K

EDIT114 Principles of Typewriting; Grade Method: REG; — 2 credits
0101 MTuWTh.....8:00am- 8:50am (JMP 2115) — Spear, M
0201 MTuWTh.....2:00pm- 2:50pm (JMP 2115) — Spear, M
0301 MTuWTh.....1:00pm- 1:50pm (JMP 2115) — Spear, M

EDIT116 Principles of Shorthand I; Grade Method: REG; — 3 credits
0101 MWF.....10:00am-10:50am (JMP 2115) — Spear, M
MF.....11:00am-11:50am (JMP 2115) LAB

EDIT121 Mechanical Drawing II; Grade Method: REG/AUD; — 2 credits
0101 TuTh.....1:00pm- 3:00pm (JMP 2229) — Mosser, D
TuTh.....1:00pm- 3:00pm (JMP 2229) LAB
0201 MW.....3:00pm- 5:00pm (JMP 2229) — Mosser, D
MW.....3:00pm- 5:00pm (JMP 2229) LAB

EDIT127 Fundamentals of Electricity Electronics; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....8:00am-10:00am (JMP 2201) — Milligan, D
0201 TuTh.....9:00am-12:00pm (JMP 2201) — Milligan, D
0301 MW.....6:00pm- 9:00pm (JMP 2201) — Wall, J
0401 TuTh.....6:00pm- 9:00pm (JMP 2201) — Wall, J

EDIT160 Design Illustrating I; Grade Method: REG/P-F/AUD; For interior design, advertising design, pre-design, landscape design, and horticulture majors only. — 3 credits
0201 MWF.....11:00am- 1:00pm (JMP 2108) — Andrew, K
MWF.....11:00am- 1:00pm (JMP 2108) LAB
0301 MW.....7:00pm-10:00pm (JMP 2108) — STAFF
MW.....7:00pm-10:00pm (JMP 2108) LAB
0401 TuTh.....8:00am-11:00am (JMP 2108) — Bragg, R
TuTh.....8:00am-11:00am (JMP 2108) LAB
0501 TuTh.....11:00am- 2:00pm (JMP 2108) — Petrina, S
TuTh.....11:00am- 2:00pm (JMP 2108) LAB
0601 TuTh.....2:00pm- 5:00pm (JMP 2108) — Petrina, S
TuTh.....2:00pm- 5:00pm (JMP 2108) LAB

EDIT202 Machine Woodworking; Grade Method: REG/P-F/AUD; Prerequisite: EDIT 102 or approval of instructor. — 3 credits
0101 MW.....1:00pm- 4:00pm (JMP 1210) — Smith, J
MW.....1:00pm- 4:00pm (JMP 1210) LAB

EDIT207 Bases For Curriculum Decision in Home Economics; Grade Method: REG/P-F/AUD; Leave half day free, Tuesday, Wednesday, or Thursday p.m., for observation. — 3 credits
0101 TuTh.....9:30am-10:50am (JMP 3225A) — Hultgren, F

EDIT210 Foundry; Grade Method: REG/P-F/AUD; Students must also register for same section of EDIT 223. — 1 credit
0101 MW.....8:00am-10:00am (JMP 1109) — Strenge, J
MW.....8:00am-10:00am (JMP 1108)
0201 MW.....10:00am-12:00pm (JMP 1109) — Strenge, J
MW.....10:00am-12:00pm (JMP 1108)
0301 Th.....6:00pm-10:00pm (JMP 1109) — Strenge, J
Th.....6:00pm-10:00pm (JMP 1108)

EDIT214 Office Typewriting Problems; Grade Method: REG; — 2 credits
0101 MTuWTh.....9:00am- 9:50am (JMP 2115) — Marschall, S

EDIT216 Advanced Shorthand and Transcription; Grade Method: REG; — 3 credits
0101 TuTh.....10:00am-10:50am (JMP 2115) — Spear, M
TuWTh.....11:00am-11:50am (JMP 2115) LAB

EDIT223 Arc and Gas Welding; Grade Method: REG/P-F/AUD; Students must also register for EDIT 210. — 1 credit
0101 Time and room to be arranged — Strenge, J
0201 Time and room to be arranged — Strenge, J
0301 Time and room to be arranged — Strenge, J

EDIT224 (PermReq) Organized and Supervised Work Experiences I; Grade Method: REG/P-F/AUD; — 3 credits
0101 Time and room to be arranged — Elkins, R

EDIT226 Fundamental Metalworking Processes; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:00am-12:00pm (JMP 1225) — Swartzlander, L
TuTh.....9:00am-12:00pm (JMP 1225) LAB

EDIT227 Applications of Electronics; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....1:00pm- 4:00pm (JMP 2201) — Milligan, D

EDIT231 Mechanical Drawing III; Grade Method: REG; — 2 credits
0101 TuTh.....11:00am- 1:00pm (JMP 3105) — Volk, K

EDIT232 Fundamentals of Automotive Technology; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-12:00pm (JMP 2123) — Edmondson, P
MWF.....10:00am-12:00pm (JMP 1229) LAB
0201 MW.....12:00pm- 3:00pm (JMP 2123) — Edmondson, P
MW.....12:00pm- 3:00pm (JMP 1229) LAB
0301 TuTh.....11:00am- 2:00pm (JMP 2123) — Jones, B
TuTh.....11:00am- 2:00pm (JMP 1229) LAB
0401 TuTh.....2:00pm- 5:00pm (JMP 2123) — Jones, B
TuTh.....2:00pm- 5:00pm (JMP 1229) LAB

EDIT233 Fundamentals of Power Technology; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....8:00am-10:00am (JMP 2123) — Jones, B
MWF.....8:00am-10:00am (JMP 1229) LAB

EDIT234 Graphic Communications; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....8:00am-10:00am (JMP 2202) — McLaughlin Jr.,
MWF.....8:00am-10:00am (JMP 2222) LAB
0201 MWF.....10:00am-12:00pm (JMP 2202) — McLaughlin Jr.,
MWF.....10:00am-12:00pm (JMP 2222) LAB
0301 MWF.....1:00pm- 3:00pm (JMP 2202) — Bell, T
MWF.....1:00pm- 3:00pm (JMP 2222) LAB
0401 MWF.....3:00pm- 5:00pm (JMP 2202) — McLaughlin Jr.,
MWF.....3:00pm- 5:00pm (JMP 2222) LAB
0501 MW.....6:00pm- 9:00pm (JMP 2202) — Bell, T
MW.....6:00pm- 9:00pm (JMP 2202) LAB

EDIT241 Architectural Drawing; Grade Method: REG/P-F/AUD; Prerequisite: EDIT 101 or equivalent. — 2 credits
0101 TuTh.....3:00pm- 5:00pm (JMP 2229) — Craven, H
TuTh.....3:00pm- 5:00pm (JMP 2229) LAB
0201 MW.....9:00am-11:00am (JMP 2229) — Craven, H
MW.....9:00am-11:00am (JMP 2229) LAB

EDIT262 Basic Metal Machining; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....1:00pm- 4:00pm (JMP 1109) — Strenge, J
TuTh.....1:00pm- 4:00pm (JMP 1120) LAB
0201 TuTh.....8:00am-11:00am (JMP 1109) — Strenge, J
TuTh.....8:00am-11:00am (JMP 1120) LAB

EDIT270 Field Experiences; Grade Method: REG; For majors in business education, secretarial education, industrial arts, vocational technical education, and/or pre-education students entering above fields of study. Reserve one morning per week for visitations. — 3 credits
0101 Th.....3:00pm- 3:50pm (JMP 3105) — STAFF
Time and room to be arranged

EDIT291 Introduction to Plastics Technology; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:00am-12:00pm (JMP 1202) — Mason, R
TuTh.....9:00am-12:00pm (JMP 1216) LAB
0201 TuTh.....1:00pm- 4:00pm (JMP 1202) — Mason, R
TuTh.....1:00pm- 4:00pm (JMP 1216) LAB
0301 MWF.....10:00am-12:00pm (JMP 1202) — Mason, R
MWF.....10:00am-12:00pm (JMP 1216) LAB

EDIT298 (PermReq) Special Problems in Education; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDIT302 Woodworking Technology; Grade Method: REG/P-F/AUD; Prerequisite: EDIT 202 or equivalent. — 3 credits
0101 MWF.....10:00am-12:00pm (JMP 1210) — Smith, J
MWF.....10:00am-12:00pm (JMP 1210) LAB

EDIT304 Administrative Secretarial Procedures; Grade Method: REG; — 3 credits
0101 MWF.....10:00am-10:50am (JMP 3225) — Marschall, S

EDIT311 Laboratory Practicum in Industrial Arts Education; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....8:00am-10:00am (JMP 1201) — Maley, D
MWF.....8:00am-10:00am (JMP 2215) LAB

EDIT324 (PermReq) Organized and Supervised Work Experiences II; Grade Method: REG/P-F/AUD; — 3 credits
0101 Time and room to be arranged — Elkins, R

EDIT332 Advanced Procedures in Automotive Technology; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....8:00am-11:00am (JMP 2123) — Jones, B
TuTh.....8:00am-11:00am (JMP 1229) LAB

EDIT334 Photographic and Electronic Graphic Communications; Grade Method: REG/P-F/AUD; Prerequisite: EDIT 234 (old 134) or consent of instructor. — 3 credits
0101 TuTh.....1:00pm- 4:00pm (JMP 2202) — McLaughlin Jr.,
TuTh.....1:00pm- 4:00pm (JMP 2222) LAB

EDIT341 Curriculum, Instruction, and Observation: Business Education; Grade Method: REG; Class meets first eight weeks of the semester. — 3 credits
0101 MWF.....2:00pm- 4:00pm (JMP 3105) — Peters, R

EDIT343 Curriculum, Instruction, and Observation: Distributive Education; Grade Method: REG; — 3 credits
0101 MWF.....2:00pm- 4:00pm (Arranged) — Anderson, C

EDIT360 Industrial Production Technology; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (JMP 3104) — Mietus, W
TuTh.....9:30am-10:45am (JMP 3104) LAB

EDIT391 Plastics Processing Fundamentals; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....1:00pm- 4:00pm (JMP 1202) — Mason, R
MW.....1:00pm- 4:00pm (JMP 1216) LAB

EDIT405 Business Communications; Grade Method: REG; — 3 credits
0101 MWF.....12:00pm-12:50pm (JMP 3105) — Boyce, J

EDIT406 Word Processing; Grade Method: REG; — 3 credits
0101 MW.....1:00pm- 3:00pm (JMP 3106) — Boyce, J
0201 M.....4:15pm- 7:00pm (JMP 3106) — Boyce, J

EDIT414 Organization and Coordination of Cooperative Education Programs; Grade Method: REG/P-F/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (JMP 3225) — Herschbach, D

EDIT415 Financial and Economic Education I; Grade Method: REG/P-F/AUD; First eight weeks only. — 3 credits
0101 Meets 09/06/88 - 10/21/88 — Hewitt, M
MW.....4:00pm- 7:00pm (JMP 3104)

EDIT421 Industrial Arts in Special Education; Grade Method: REG/P-F/AUD; — 3 credits
0101 Tu.....6:00pm-10:00pm (JMP 2120) — Beatty, C

EDIT422 Student Teaching: Industrial Arts Education; Grade Method: S-F; — 2-12 credits
0101 Time and room to be arranged — Beatty, C

EDIT425 Analysis of Industrial Training Programs I; Grade Method: REG/P-F/AUD; Prerequisite: junior standing or written permission of course professor. — 3 credits
0101 Th.....4:15pm- 7:00pm (JMP 1202) — Hunter, A

EDIT426 Analysis of Industrial Training Programs — 3 credits

II; Grade Method: REG/P-F/AUD; Prerequisite: EDIT 425; junior standing or written permission of course professor.
0101 M.....7:00pm-10:00pm (JMP 1202) Hunter, A

EDIT432 Student Teaching: Business Education; 12 credits
Grade Method: S-F;
0101 Time and room to be arranged Peters, R

EDIT435 Curriculum Development in Home Economics; 3 credits
Grade Method: REG/P-F/AUD;
0101 W.....12:00pm- 3:00pm (JMP 3225) Straw, R

EDIT443 Industrial Safety I; Grade Method: 3 credits
REG/P-F/AUD; Limited to students with junior/senior standing.
0101 W.....7:00pm-10:00pm (JMP 3201) Ashley, R
0201 Tu.....7:00pm-10:00pm (JMP 3104) Ashley, R

EDIT444 Industrial Safety II; Grade Method: 3 credits
REG/P-F/AUD; Limited to students with junior/senior standing.
0101 MWF.....2:00pm- 2:50pm (JMP 3201) Ashley, R

EDIT445 Systems Safety Analysis; Grade Method: 3 credits
REG/P-F/AUD;
0101 Tu.....7:00pm-10:00pm (JMP 3105) Tomasetti, J

EDIT450 Training Aids Development; Grade Method: 3 credits
REG/P-F/AUD;
0101 M.....4:15pm- 7:00pm (JMP 3225) Beatty, C

EDIT451 Research and Experimentation in Industrial Arts; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....7:00pm-10:00pm (JMP 1201) Maley, D

EDIT454 Private Fire Protection Analysis I; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....7:00pm-10:00pm (JMP 3201) STAFF

EDIT457 Tests and Measurements; Grade Method: 3 credits
REG/P-F/AUD;
0101 Tu.....7:00pm-10:00pm (JMP 3201) Stough, K

EDIT460 Design Illustrating II; Grade Method: 2 credits
REG/P-F/AUD;
0201 MW.....1:00pm- 3:00pm (JMP 2229) STAFF
MW.....1:00pm- 3:00pm (JMP 2229) LAB

EDIT461 Principles of Vocational Guidance; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....4:15pm- 7:00pm (JMP 2202) Mietus, W

EDIT462 Occupational Analysis and Course Construction; Grade Method: REG/P-F/AUD; 3 credits
0101 Th.....7:00pm-10:00pm (JMP 3225) Herschbach, D

EDIT464 Laboratory Organization and Management; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....4:15pm- 7:00pm (JMP 3105) STAFF

EDIT465 Modern Industry; Grade Method: 3 credits
REG/P-F/AUD; Prerequisite: junior standing or written permission of instructor.
0101 Th.....7:00pm- 9:45pm (JMP 1202) Hunter, A

EDIT470 Numerical Control in Manufacturing; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (JMP 3201) Elkins, R
TuTh.....11:00am-12:15pm (JMP 3201) LAB

EDIT471 History and Principles of Vocational Education; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....7:00pm-10:00pm (JMP 3104) Luetkemeyer, J

EDIT472 Quality Control and Assurance in Industrial Settings; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....7:00pm-10:00pm (JMP 3105) Sullivan, D

EDIT475 Recent Technological Developments in Products and Processes; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....4:15pm- 7:00pm (JMP 3104) Elkins, R

EDIT476 Application of Technology to Societal Problems; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 MWF.....10:00am-10:50am (JMP 3104) Usiak, K
0201 MWF.....11:00am-11:50am (JMP 3104) Usiak, K
0301 MWF.....12:00pm-12:50pm (JMP 3104) Usiak, K

EDIT485 Field Experiences in Business Education; 3 credits
Grade Method: REG;
0101 Time and room to be arranged Peters, R

EDIT486 Field Experiences in Marketing and Distributive Education; Grade Method: REG; 3 credits
0101 Time and room to be arranged Anderson, C

EDIT4880 Selected Topics in Education: Curriculum Theory and Development in Home Economics; Grade Method: REG/P-F/AUD; 3 credits
0101 Th.....4:15pm- 7:00pm (JMP 3225) Hultgren, F

EDIT488R Selected Topics in Education: Robots in Industry; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....1:00pm- 4:00pm (JMP 2201) Milligan, D

EDIT488T Selected Topics in Education: Issues Confronting Families Past and Future - A Multidisciplinary Examination; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 TuTh.....1:00pm- 2:15pm (JMP 3105) Hewitt, M

EDIT488Z (PermReq) Selected Topics in Education: Microcomputer Applications in Technology and Industry; Grade Method: REG/AUD; For EDIT juniors and seniors only or by permission of instructor. 3 credits
0101 W.....4:15pm- 7:00pm (JMP 3225) Elkins, R

EDIT498 (PermReq) Special Problems in Education; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDIT499D Workshops, Clinics, and Institutes: Workshop in Vocational Education; Grade Method: REG/P-F/AUD; 1-3 credits
0101 M.....6:00pm- 7:00pm (JMP 3225A) Mietus, W
Time and room to be arranged LAB

EDIT499R Workshops, Clinics, and Institutes: Trade Advancement Workshop; Grade Method: REG; 1-3 credits
0101 Time and room to be arranged STAFF
See advisor prior to attending workshop/seminars.

EDIT607 Philosophy of Industrial Arts Education; Grade Method: REG/AUD; 3 credits
0101 Tu.....7:00pm-10:00pm (JMP 3225) Luetkemeyer, J

EDIT620 Organization, Administration and Supervision of Vocational Education; Grade Method: REG/AUD; 3 credits
0101 Th.....4:15pm- 7:00pm (JMP 3105) Herschbach, D

EDIT640 Research in Industrial Arts and Vocational Education; Grade Method: REG/AUD; 3 credits
0101 M.....4:15pm- 7:00pm (JMP 3225A) Mietus, W

EDIT642 Coordination in Work-Experience Programs; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:15pm- 7:00pm (JMP 3225) Herschbach, D

EDIT644 Curriculum Trends in Business Education; Grade Method: REG/AUD; 3 credits
0101 W.....7:00pm-10:00pm (JMP 3225) Boyce, J

EDIT647 Seminar in Industrial Arts and Vocational Education; Grade Method: REG/AUD; 3 credits
0101 M.....4:15pm- 7:00pm (JMP 3225A) Mietus, W

EDIT760 Modes of Inquiry in Industrial and Social Institutions; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:15pm- 7:00pm (JMP 1202) Hultgren, F

EDIT780 Leadership Seminar in Vocational Education; Grade Method: REG/AUD; 3 credits
0101 W.....4:15pm- 7:00pm (JMP 1202) Stough, K

EDIT788A Selected Topics in Education: Laboratory Practicum in Industrial Arts Education; Grade Method: REG/AUD; For graduate students only. 3 credits
0101 MWF.....8:00am-10:00am (JMP 1201) Maley, D
MWF.....8:00am-10:00am (JMP 2215) LAB

EDIT788Z (PermReq) Selected Topics in Education: Microcomputer Applications in Technology and Industry; Grade Method: REG/AUD; 3 credits
0101 W.....4:15pm- 7:00pm (JMP 3225) Elkins, R

EDIT798 (PermReq) Special Problems in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDIT799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDIT821 Seminar in Business Education; Grade Method: REG/AUD; Joint vocational education seminar. 3 credits
0101 W.....4:15pm- 7:00pm (JMP 1202) Stough, K

EDIT888 (PermReq) Apprenticeship in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

EDIT889 (PermReq) Internship in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3-8 credits

EDIT899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

EDMS Measurement, Statistics, and Evaluation (Education)

EDMS410 Principles of Testing and Evaluation; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....3:30pm- 4:45pm (ASY 3219) Schafer, W

EDMS451 Introduction to Educational Statistics; Grade Method: REG/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Limited to students with cumulative credits of 60. BMGT, PSYC, ECON majors, and possibly others: a student whose program requires a different introductory applied statistics course may not use EDMS 451 to satisfy the USP Advanced Studies requirement. 3 credits
0101 TuTh.....9:30am-10:45am (EDU 4233) Macready, G
0201 TuTh.....2:00pm- 3:15pm (EDU 4233) STAFF
0401 TuTh.....12:30pm- 1:45pm (EDU 4233) STAFF
0501 MW.....12:30pm- 1:45pm (EDU 4233) STAFF
0601 MW.....11:00am-12:15pm (EDU 4233) DeAyala, R
0701 TuTh.....11:00am-12:15pm (EDU 4233) STAFF

EDMS623 Applied Measurement: Issues and Practices; Grade Method: REG/AUD; Prerequisite: EDMS 646 or equivalent. 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 4233) Benson, J

EDMS626 Measurement Techniques For Research; Grade Method: REG/AUD; Prerequisite: EDMS 646. 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 4233) Johnson, C

EDMS645 Quantitative Research Methods I; Grade Method: REG/AUD; 3 credits
0101 Th.....5:00pm- 6:40pm (ASY 2203) STAFF
Tu.....5:00pm- 6:40pm (ASY 3211) LAB
0102 Th.....5:00pm- 6:40pm (ASY 2203) STAFF
M.....5:00pm- 6:40pm (ASY 3219) LAB
0103 Th.....5:00pm- 6:40pm (ASY 2203) STAFF
M.....7:00pm- 8:40pm (EDU 4233) LAB
0104 Th.....5:00pm- 6:40pm (ASY 2203) STAFF
Tu.....7:00pm- 8:40pm (EDU 4233) LAB
0105 Th.....5:00pm- 6:40pm (ASY 2203) STAFF
W.....9:00am-10:40am (EDU 4233) LAB

EDMS646 Quantitative Research Methods II; Grade Method: REG/AUD; Prerequisite: EDMS 645. 3 credits
0101 Th.....7:00pm- 8:40pm (ARC 0204) Macready, G
M.....5:00pm- 6:40pm (ASY 3215) LAB
0103 Th.....7:00pm- 8:40pm (ARC 0204) Macready, G
Tu.....7:00pm- 8:40pm (ASY 3217) LAB

EDMS647 Introduction to Evaluation Models; Grade Method: REG/AUD; Prerequisite: EDMS 646. 3 credits
0101 Th.....4:15pm- 7:00pm (ASY 3217) Benson, J

EDMS651 Intermediate Statistics in Education; Grade Method: REG/AUD; Prerequisite: EDMS 646. 3 credits
0101 TuTh.....4:15pm- 5:30pm (ASY 3215) Dayton, C
0201 MW.....4:15pm- 5:30pm (EDU 4233) Johnson, C

EDMS657 Factor Analysis; Grade Method: REG/AUD; 3 credits
0101 W.....4:15pm- 7:00pm (ASY 3211) Dayton, C

EDMS723 Measurement Theory I; Grade Method: REG/AUD; Prerequisites: EDMS 622 and 651. 3 credits
0101 M.....4:15pm- 7:00pm (ASY 3211) DeAyala, R

EDMS798 Special Problems in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDMS799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDMS889 Internship in Measurement and Statistics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3-8 credits

EDMS899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

EDPA Education Policy, Planning and Administration (Education)

EDPA301 Foundations of Education; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (EDU 2119) Hopkins, R
0201 MWF.....10:00am-10:50am (EDU 2101) Hopkins, R
0301 TuTh.....9:30am-10:45am (EDU 0206) Lindsay, R
0401 TuTh.....11:00am-12:15pm (EDU 3233) Noll, J
0501 TuTh.....12:30pm- 1:45pm (EDU 2101) Noll, J
0601 TuTh.....2:00pm- 3:15pm (EDU 2102) Lindsay, R
0701 Tu.....4:15pm- 7:00pm (EDU 2119) Male, G
0801 Th.....7:00pm- 9:45pm (EDU 2119) Huden, D

EDPA386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

EDPA387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

EDPA400 The Future of the Human Community; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 MW.....2:00pm- 3:15pm (EDU 2102) Hopkins, R
0201 Th.....4:15pm- 7:00pm (EDU 0114) Splaine, J

EDPA488G Special Topics in Education Policy and Administration: Technology, Social Change and Education; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 0114) Splaine, J

EDPA488K Special Topics in Education Policy and Administration: Higher Education in American Society; Grade Method: REG/AUD; Taught by Dr. Robert Berdahl, Distinguished Scholar Teacher. 3 credits
0101 Tu.....4:15pm- 7:00pm (JMZ 2123) Berdahl, R

EDPA489 Field Experiences in Education; Grade Method: S-F; Limited to majors in EDPA specializations. Masters approved field experiences. Consent of advisor. 1-4 credits
0101 Time and room to be arranged Andrews Jr., J
0201 Time and room to be arranged Splaine, J

EDPA498 (PermReq) Special Problems in Education; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

EDPA605 Comparative Education; Grade Method: REG/AUD; 3 credits
0101 W.....4:15pm- 7:00pm (EDU 0202) Male, G

EDPA620 Education Policy Analysis; Grade Method: REG/AUD; 3 credits
0101 M.....4:15pm- 7:00pm (EDU 2119) Agre, G

EDPA621 Decision Making and Education Policy; Grade Method: REG/AUD; 3 credits
0101 Tu.....7:00pm- 9:45pm (EDU 2101) Slater, R

EDPA634 The School Curriculum; Grade Method: REG/AUD; 2-3 credits
0101 Tu.....4:15pm- 7:00pm (JMZ 0122) Selden, S

EDPA636 Communication and the School Curriculum; Grade Method: REG/AUD; 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 0206) Berman, L

EDPA650 Professional Seminar in Higher and Adult Education; Grade Method: S-F; 3 credits
0101 M.....7:00pm- 9:45pm (EDU 2102) Hershfield, A

EDPA652 Higher Education in American Society; Grade Method: REG/AUD; Taught by Dr. Robert Berdahl, Distinguished Scholar Teacher. 3 credits
0101 Tu.....4:15pm- 7:00pm (JMZ 2123) Berdahl, R

EDPA653 Organization and Administration of Higher Education; Grade Method: REG/AUD; 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 0202) Schmidtlein, F

EDPA657 History of Higher Education in the United States; Grade Method: REG/AUD; 3 credits
0101 M.....4:15pm- 7:00pm (EDU 0206) Finkelstein, B

EDPA660 Administrative Foundations; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:15pm- 7:00pm (JMZ 0208) STAFF

EDPA661 Administrative Behavior and Organizational Management; Grade Method: REG/AUD; 3 credits
0101 W.....7:00pm- 9:45pm (EDU 2102) Goldman, H

EDPA662 Administrative Processes; Grade Method: REG/AUD; 3 credits
0101 W.....4:15pm- 7:00pm (EDU 1203) McLoone, E

EDPA666 Administration and Supervision in Elementary Schools; Grade Method: REG/AUD; 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 1203) STAFF

EDPA676 School Finance and Business Administration; Grade Method: REG/AUD; 3 credits
0101 Tu.....7:00pm- 9:45pm (EDU 0114) McLoone, E

EDPA690 Research Issues in Education Policy, Planning and Administration; Grade Method: REG/AUD; 3 credits
0101 W.....7:00pm- 9:45pm (EDU 3233) Agre, G

EDPA705 International Educational Change; Grade Method: REG/AUD; 3 credits
0101 W.....4:15pm- 7:00pm (JMZ 0122) Huden, D

EDPA751 Law and Higher Education Policy; Grade Method: REG/AUD; 3 credits
0101 W.....4:15pm- 7:00pm (JMZ 0204) Clague, M

EDPA756 Curriculum in Higher Education; Grade Method: REG/AUD; 3 credits
0101 Tu.....7:00pm- 9:45pm (EDU 3233) Selden, S

EDPA760 The Human Dimension in Administration; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm- 9:45pm (EDU 2203) STAFF

EDPA798 (PermReq) Special Problems in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDPA799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDPA812 Seminar in Philosophy of Education; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:45pm (EDU 2119) Noll, J

EDPA813 Seminar in Educational Sociology; Grade Method: REG/AUD; 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 3236) Huden, D

EDPA839 Seminar in Teacher Education: Seminar in Teacher Education; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:45pm (EDU 1107) Warren, D

EDPA889 Internship in Education; Grade Method: S-F; Interns in administration register in section 0101; Higher and adult education in section 0201; Curriculum and educational technology in section 0301; Social foundation in section 0401. 3-8 credits
0101 Time and room to be arranged Andrews Jr., J
0201 Time and room to be arranged Berdahl, R
0301 Time and room to be arranged Berman, L
0401 Time and room to be arranged Lindsay, R

EDPA895 Research Critique Seminar; Grade Method: REG/AUD; 3 credits
0101 M.....4:15pm- 7:00pm (EDU 0114) Berman, L

EDPA899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

EDSP Education, Special (Education)

EDSP210 Introduction to Special Education; Grade Method: REG/AUD; 3 credits
0101 TuTh.....2:00pm- 3:30pm (EDU 0212) Florian, L

EDSP288C Special Topics in Teacher Education: Career Development in Special Education; Grade Method: REG/P-F/AUD; Open to all undergraduate students. 1 credit
0101 F.....10:00am-11:00am (EDU 2203) Florian, L
0201 F.....11:00am-12:00pm (EDU 2203) Florian, L

EDSP320 Introduction to Assessment in Special Education; Grade Method: REG/AUD; Limited to undergraduate special education majors. Students must register concurrently in EDSP 321 and 322. Prerequisite: EDSP 210. 3 credits
0101 MW.....1:15pm- 2:45pm (EDU 2101) Harris, K
0201 MW.....1:15pm- 2:45pm (EDU 2119) Speece, D

EDSP321 Comparative Approaches to Behavior and Classroom Management in Special Education; Grade Method: REG/AUD; Limited to undergraduate special education majors. Students must register concurrently in EDSP 320 and 322. Prerequisite: EDSP 210. 3 credits
0101 MW.....2:45pm- 4:15pm (EDU 2101) Gradel, K
0201 MW.....2:45pm- 4:15pm (EDU 2119) Egel, A

EDSP322 Field Placement in Special Education I; Grade Method: REG/AUD; Limited to undergraduate special education majors. Students must reserve two half days (8-1) for this experience. Concurrent registration with EDSP 320 and 321 required. 3 credits
0101 F.....9:00am-10:30am (EDU 1121) Amoia, C
MW.....8:00am- 1:00pm (Arranged) LAB
0201 F.....9:00am-10:30am (EDU 1121) Amoia, C
TuTh.....8:00am- 1:00pm (Arranged) LAB
0301 F.....10:30am-12:00pm (EDU 1121) Amoia, C
MW.....8:00am- 1:00pm (Arranged) LAB
0401 F.....10:30am-12:00pm (EDU 1121) Amoia, C
TuTh.....8:00am- 1:00pm (Arranged) LAB

EDSP400 Curriculum and Instructional Methods For Severely Handicapped Students; Grade Method: REG/AUD; Prerequisite: EDSP 600 or 210. Practicum required. Placement arranged for those students not concurrently enrolled in EDSP 402 or EDSP 431. 3 credits
0101 W.....4:15pm- 7:00pm (EDU 2101) Kohl, F

EDSP402 Field Placement: Severely Handicapped I; Grade Method: REG/AUD; Students must 4 credits

reserve four half-days (8-1) for this experience. Students must register concurrently in EDSP 400 and EDSP 404.
0101 F.....10:30am-12:00pm (EDU 1315) Kohl, F
MTuW.....8:00am- 1:00pm (Arranged) LAB

EDSP402A Field Placement: Severely Handicapped I; Grade Method: REG/AUD; Graduate students only. Contact department to make arrangements. 2-5 credits
0101 Time and room to be arranged LAB Kohl, F
0201 Time and room to be arranged LAB Egel, A
0301 Time and room to be arranged LAB Beckman, P
0401 Time and room to be arranged LAB Gradel, K

EDSP404 Education of Autistic Children; Grade Method: REG/AUD; Prerequisite: EDSP 210 or EDSP 600 and EDSP 321, or consent of instructor. Practicum required. Placement arranged for students not concurrently enrolled in EDSP 402. 3 credits
0101 M.....4:15pm- 7:00pm (JMZ 1120) Egel, A

EDSP411 Field Placement: Severely Handicapped III; Grade Method: REG/AUD; Prerequisite: EDSP 405; Concurrent enrollment in EDSP 412. 5 credits
0101 F.....9:00am-10:30am (EDU 1315) Kohl, F
MTuWTh.....8:00am- 1:00pm (Arranged) LAB

EDSP411A Field Placement: Severely Handicapped III; Grade Method: REG/AUD; Graduate students only. Contact department to make arrangements. 2-5 credits
0101 Time and room to be arranged LAB Kohl, F
0201 Time and room to be arranged LAB Egel, A
0301 Time and room to be arranged LAB Beckman, P
0401 Time and room to be arranged LAB Gradel, K

EDSP412 Vocational Instruction For Severely Handicapped Students; Grade Method: REG/AUD; Prerequisite: EDSP 210 or 600, and EDSP 400, or consent of instructor. Practicum required. Placement arranged for those students not concurrently enrolled in EDSP 411. 3 credits
0101 MW.....1:15pm- 2:45pm (EDU 1203) Gradel, K

EDSP420 Developmental and Behavioral Characteristics of Nonhandicapped and Handicapped Infants and Young Children; Grade Method: REG/AUD; Prerequisite: EDSP 600 or 210. Practicum required. Placement arranged for students not concurrently enrolled in EDSP 421 or EDSP 411. 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 2101) Beckman, P

EDSP421 Field Placement: Early Childhood Special Education I; Grade Method: REG/AUD; Corequisite: EDSP 420. Students must reserve two half-days (8-1) for this experience. 3 credits
0101 F.....10:30am-12:00pm (EDU 0202) Beckman, P
MW.....8:00am- 1:00pm (Arranged) LAB
0201 F.....10:30am-12:00pm (EDU 0202) Beckman, P
TuTh.....8:00am- 1:00pm (Arranged) LAB

EDSP421A Field Placement: Early Childhood Special Education I; Grade Method: REG/AUD; Graduate students only. Contact department to make arrangements. 2-3 credits
0101 Time and room to be arranged LAB Beckman, P
0201 Time and room to be arranged LAB Kohl, F
0301 Time and room to be arranged LAB Lieber, J
0401 Time and room to be arranged LAB Cooper, D

EDSP423 Psychoeducational Assessment of Preschool Handicapped Children; Grade Method: REG/AUD; Prerequisite: EDSP 420 and 422. Co-requisite: EDSP 430 and 431. 3 credits
0101 TuTh.....1:15pm- 2:45pm (EDU 0206) Cooper, D

EDSP430 Intervention Techniques and Strategies For Preschool Handicapped Children (Severe to Moderate, Birth - 6 Years); Grade Method: REG/AUD; Prerequisite: EDSP 210 or EDSP 600 and EDSP 420. Practicum required. Placement arranged for those students not concurrently enrolled in EDSP 431. 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 2101) Beckman, P

EDSP431 Field Placement: Early Childhood Special Education III (Severe to Moderate); Grade Method: REG/AUD; Prerequisite: EDSP 424. Corequisite: EDSP 430 and 423. 4 credits
0101 F.....9:00am-10:30am (EDU 0202) Beckman, P
TuWTh.....8:00am- 1:00pm (Arranged) LAB

~~EDSP431A~~ Field Placement: Early Childhood Special Education III (Severe to Moderate); Grade Method: REG/AUD; Graduate students only. Contact department to make arrangements. 2-4 credits
0101 Time and room to be arranged LAB Beckman, P
0201 Time and room to be arranged LAB Kohl, F
0301 Time and room to be arranged LAB Lieber, J
0401 Time and room to be arranged LAB Cooper, D

~~EDSP437~~ Student Teaching: Early Childhood Special Education; Grade Method: S-F; Limited to special education majors who have preregistered with the Special Education Department. 11 credits
0101 Time and room to be arranged Amoia, C

EDSP441 Assessment and Instructional Design for the Educationally Handicapped: Oral Language and Communication Disorders; Grade Method: REG/AUD; Prerequisites: EDSP 320 or EDSP 600. Practicum required. Placement arranged for students not concurrently enrolled in EDSP 442 or EDSP 431. 3 credits
0101 MW.....2:45pm- 4:15pm (EDU 0206) Speece, D

EDSP442 Field Placement: Educationally Handicapped I; Grade Method: REG/AUD; Corequisite: EDSP 441. Students must reserve two half-days (8-1) for this experience. 3 credits
0101 F.....10:30am-12:00pm (EDU 0206) Graham, S
MW.....8:00am- 1:00pm (Arranged) LAB
0201 F.....10:30am-12:00pm (EDU 0206) Graham, S
TuTh.....8:00am- 1:00pm (Arranged) LAB

EDSP442A Field Placement: Educationally Handicapped I; Grade Method: REG/AUD; Graduate students only. Contact department to make arrangements. 2-3 credits
0101 Time and room to be arranged LAB Graham, S
0201 Time and room to be arranged LAB Leone, P
0301 Time and room to be arranged LAB Harris, K
0401 Time and room to be arranged LAB Speece, D
0501 Time and room to be arranged LAB Cooper, D
0601 Time and room to be arranged LAB Simms, B
0701 Time and room to be arranged LAB Hebeler, J
0801 Time and room to be arranged LAB STAFF

EDSP446 Instructional Design for the Educationally Handicapped: Functional Living Skills; Grade Method: REG/AUD; Corequisite: EDSP 447 or EDSP 465. 3 credits
0101 TuTh.....1:15pm- 2:45pm (EDU 3236) Graham, S

EDSP447 Field Placement: Educationally Handicapped III; Grade Method: REG/AUD; Prerequisite: EDSP 445; Corequisite: EDSP 446 and 450. 4 credits
0101 F.....10:00am-11:30am (EDU 3236) Graham, S
TuWTh.....8:00am- 1:00pm (Arranged) LAB

EDSP447A Field Placement: Educationally Handicapped III; Grade Method: REG/AUD; Graduate students only. Contact department to make arrangements. 2-4 credits
0101 Time and room to be arranged LAB Graham, S
0201 Time and room to be arranged LAB Leone, P
0301 Time and room to be arranged LAB Harris, K
0401 Time and room to be arranged LAB Speece, D
0501 Time and room to be arranged LAB Cooper, D
0601 Time and room to be arranged LAB Simms, B
0701 Time and room to be arranged LAB Hebeler, J
0801 Time and room to be arranged LAB STAFF

EDSP450 Program Management For the Educationally Handicapped; Grade Method: REG/AUD; Corequisite: EDSP 446 and 447 or EDSP 465 or EDSP 411 . 3 credits
0101 MW.....1:15pm- 2:45pm (EDU 0206) STAFF

EDSP457 Student Teaching: Educationally Handicapped; Grade Method: S-F; Limited to special education majors who have preregistered with the Special Education Department. 11 credits
0101 Time and room to be arranged Amoia, C

EDSP460 Career/Vocational Education For the Handicapped; Grade Method: REG/AUD; Completion of EDSP 600 or 210 recommended for graduate students. Practicum required. Placement arranged for those students not concurrently enrolled in EDSP 461 or EDSP 411 or EDSP 447. 3 credits
0101 MW.....2:45pm- 4:15pm (EDU 0202) Neubert, D

EDSP461 Field Placement: Career/Vocational I; Grade Method: REG/AUD; Students must reserve two half-days (8-1) for this experience. Corequisite: EDSP 460. 3 credits
0101 F.....10:30am-12:00pm (EDU 2102) Neubert, D
MTuW.....8:00am- 1:00pm (Arranged) LAB
0201 F.....10:30am-12:00pm (EDU 2102) Neubert, D
TuWTh.....8:00am- 1:00pm (Arranged) LAB

EDSP461A Field Placement: Career/Vocational I; Grade Method: REG/AUD; Graduate students only. Contact department to make arrangements. 2-3 credits
0201 Time and room to be arranged LAB Neubert, D

EDSP464 Career/Vocational Assessment and Instruction for Mild to Moderately Handicapped II; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 1203) Neubert, D

EDSP465 Field Placement: Career/Vocational III; Grade Method: REG/AUD; Prerequisite: EDSP 463. 3 credits
0101 F.....9:00am-10:30am (EDU 2102) Neubert, D
MTuW.....8:00am- 1:00pm (Arranged) LAB
0201 F.....9:00am-10:30am (EDU 2102) Neubert, D
TuWTh.....8:00am- 1:00pm (Arranged) LAB

EDSP465A Field Placement: Career/Vocational III; Grade Method: REG/AUD; Graduate students only. Contact department to make arrangements. 2-3 credits
0101 Time and room to be arranged LAB Neubert, D

EDSP467 Student Teaching: Career/Vocational; Grade Method: S-F; Limited to special education majors who have preregistered with the Special Education Department. 11 credits
0101 Time and room to be arranged Amoia, C

EDSP470 Introduction to Special Education; Grade Method: REG/AUD; Not open to undergraduate special education or pre-special education majors. 3 credits
0101 TuTh.....2:45pm- 4:15pm (JMZ 0125) STAFF
0201 Tu.....7:00pm- 9:45pm (EDU 2119) Hebeler, J

EDSP481 Characteristics of Exceptional Children: Gifted; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:45pm (EDU 2101) Simms, B

EDSP482 Education of Exceptional Children: Gifted; Grade Method: REG/AUD; Prerequisite: EDSP 481 or equivalent. 3 credits
0101 W.....7:00pm- 9:45pm (EDU 2101) Simms, B

EDSP489 Field Experiences in Special Education; Grade Method: REG/AUD; 1-4 credits
0101 Time and room to be arranged Amoia, C

EDSP491 Characteristics of Learning Disabled Students; Grade Method: REG/AUD; Prerequisite: EDSP 470, 600 or consent of instructor. 3 credits
0101 Th.....4:15pm- 7:00pm (JMZ 1117) Simms, B

EDSP498 Special Problems in Special Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Limited to special education majors. 1-6 credits

EDSP498B (PermReq) Special Problems in Special Education: Career Development and Advising; Grade Method: REG/P-F/AUD; Limited to pre-special and special education majors. 1-6 credits
0101 F.....12:00pm- 2:00pm (Arranged) Burke, P

EDSP499M Workshops, Clinics, and Institutes in Special Education: Fundamentals of Sign Language I; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....4:15pm- 5:30pm (JMZ 1122) Aiello, E
0201 MW.....5:45pm- 7:00pm (JMZ 1122) Aiello, E

EDSP600 Exceptional Children and Youth; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm- 9:45pm (EDU 2101) Cooper, D

~~EDSP601~~ Characteristics of Behaviorally Disordered Students; Grade Method: REG/AUD; Prerequisite: EDSP 600. 3 credits
0101 W.....4:15pm- 7:00pm (EDU 2102) Leone, P

~~EDSP610~~ Administration and Supervision of Special Education Programs; Grade Method: REG/AUD; 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 2203) Hebeler, J

~~EDSP615~~ Evaluation and Measurement of Exceptional Children and Youth; Grade Method: REG/AUD; Prerequisite: EDSP 600. 3 credits
0101 M.....4:15pm- 7:00pm (EDU 2101) Harris, K

EDSP625 Problems in the Education of the Mentally Retarded; Grade Method: REG/AUD; 3 credits
0101 M.....4:15pm- 7:00pm (EDU 2203) Kohl, F

~~EDSP678E~~ Seminar in Special Education: Language Developement and Disabilities in Young Children; Grade Method: REG/AUD; 3 credits
0101 Th.....4:15pm- 7:00pm (JMZ 1109) Lieber, J

~~EDSP678K~~ Seminar in Special Education: Advanced Uses of Computers in Special Education; Grade Method: REG/AUD; 3 credits
0101 Tu.....7:00pm- 9:45pm (EDU 0206) MacArthur, C

~~EDSP678L~~ Seminar in Special Education: Handicapped Youth in the Criminal Justice System; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:45pm (EDU 1203) Leone, P

EDSP678P Seminar in Special Education: The Handicapped Individual and Educational Policy; Grade Method: REG/AUD; 3 credits
0101 W.....4:15pm- 7:00pm (JMZ 1109) McLaughlin, M

EDSP798 Special Problems in Special Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Limited to special education majors. 1-6 credits

EDSP798B Special Problems in Special Education: Joint Vocational Education Seminar; Grade Method: REG/AUD; 3 credits
0101 W.....4:15pm- 7:00pm (JMP 1202) Stough, K

EDSP798K Special Problems in Special Education: Research Seminar on Computers in Special Education; Grade Method: REG/AUD; 3 credits
0101 W.....7:00pm- 9:45pm (EDU 1203) MacArthur, C

EDSP799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Limited to special education majors. 1-6 credits

EDSP860 Doctoral Research Seminar; Grade Method: REG/AUD; Limited to doctoral students in special education. 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 2203) Graham, S

EDSP888 Apprenticeship in Special Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Limited to special education majors. 1-8 credits

EDSP889 Internship in Special Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Limited to special education majors. 3-8 credits

EDSP899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Limited to special education majors. 1-8 credits

---

ENAE Engineering, Aerospace (Engineering)

ENAE201 Introduction to Aerospace Engineering I; Grade Method: REG/P-F/AUD; 2 credits
0101 Meets 09/06/88 - 11/18/88 STAFF
MWF.....3:00pm- 3:50pm (EGR 2154)
0201 Meets 09/06/88 - 11/18/88 STAFF
MWF.....3:00pm- 3:50pm (EGR 1110)

ENAE202 Introduction to Aerospace Engineering II; Grade Method: REG/P-F/AUD; 2 credits
0101 Meets 09/06/88 - 11/18/88 STAFF
MWF.....4:00pm- 4:50pm (EGR 2154)
0201 Meets 09/06/88 - 11/18/88 STAFF
MWF.....4:00pm- 4:50pm (EGR 1110)

ENAE305 Aerospace Laboratory I; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....1:00pm- 1:50pm (EGR 3140) Winkelmann, A
M.....2:00pm- 5:00pm (EGL 0121) LAB
0102 TuTh.....1:00pm- 1:50pm (EGR 3140) Winkelmann, A
Tu.....2:00pm- 5:00pm (EGL 0121) LAB
0103 TuTh.....1:00pm- 1:50pm (EGR 3140) Winkelmann, A
W.....2:00pm- 5:00pm (EGL 0121) LAB
0104 TuTh.....1:00pm- 1:50pm (EGR 3140) Winkelmann, A
Th.....2:00pm- 5:00pm (EGL 0121) LAB
0105 TuTh.....1:00pm- 1:50pm (EGR 3140) Winkelmann, A
F.....2:00pm- 5:00pm (EGL 0121) LAB

ENAE345 Flight Dynamics; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (SYM 0200) STAFF

ENAE371 Aerodynamics I; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (EGR 3140) Leishman, G

ENAE398 (PermReq) Honors Research Project; Grade Method: REG/P-F; 3 credits
0101 Time and room to be arranged Barlow, J

ENAE401 Aerospace Laboratory II; Grade Method: REG/P-F/AUD; 2 credits
0101 Th.....10:00am-10:50am (SYM 0200) Winkelmann, A
M.....2:00pm- 5:00pm (EGL 0121) LAB
0102 Th.....10:00am-10:50am (SYM 0200) Winkelmann, A
Tu.....2:00pm- 5:00pm (EGL 0121) LAB
0103 Th.....10:00am-10:50am (SYM 0200) Winkelmann, A
W.....2:00pm- 5:00pm (EGL 0121) LAB
0104 Th.....10:00am-10:50am (SYM 0200) Winkelmann, A
Th.....2:00pm- 5:00pm (EGL 0121) LAB
0105 Th.....10:00am-10:50am (SYM 0200) Winkelmann, A
F.....2:00pm- 5:00pm (EGL 0121) LAB

ENAE411 Aircraft Design; Grade Method: REG/P-F/AUD; 3 credits
0101 Th.....11:00am- 1:30pm (EGR 1108) Weissman, C

ENAE445 Stability and Control of Aerospace Vehicles; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....8:00am- 9:15am (EGR 1202) Regan, F

ENAE451 Flight Structures I: Introduction to Solid Mechanics; Grade Method: REG/P-F/AUD; 4 credits
0101 MWF.....11:00am-11:50am (EGR 3140) Donaldson, B
M.....1:00pm- 4:00pm (EGR 3140) LAB

ENAE452 Flight Structures II: Structural Elements; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (EGR 3140) Donaldson, B

ENAE453 Matrix Methods in Computational Mechanics; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....4:30pm- 7:00pm (EGR 3114) Chander, S

ENAE461 Flight Propulsion I; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....7:35am- 8:50am (CHE 2110) Waltrup, P

ENAE471 Aerodynamics II; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....7:35am- 8:50am (EGR 3140) Van Wie, D

ENAE473 Aerodynamics of High-Speed Flight; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (EGR 2102) Melnik, W

ENAE475 Viscous Flow and Aerodynamic Heating; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (EGR 1126) Jones, E

ENAE488 (PermReq) Topics in Aerospace Engineering; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

ENAE488A Topics in Aerospace Engineering: Astronautics; Grade Method: REG/P-F/AUD; 1-4 credits
0101 TuTh.....5:00pm- 6:15pm (EGR 3108) STAFF

~~ENAE488F~~ Topics in Aerospace Engineering: Composite Structures; Grade Method: REG/AUD; 3 credits
0101 MW.....2:00pm- 3:15pm (ITV 1111) Vizzini, T

~~ENAE488W~~ Topics in Aerospace Engineering: Introduction to the Design of Remotely Piloted Vehicles; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....11:00am-11:50am (EGR 1110) Winkelmann, A

~~ENAE499~~ (PermReq) Elective Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

ENAE631 Helicopter Aerodynamics I; Grade Method: REG/AUD; 3 credits
0101 Th.....1:30pm- 4:00pm (CHE 2140) Gessow, A

~~ENAE635~~ Helicopter Stability and Control; Grade Method: REG/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (EGR 3111) Celi, R

ENAE640 Flight Mechanics I; Grade Method: REG/AUD; 3 credits
0101 MW.....2:00pm- 3:15pm (EGR 2102) Barlow, J

ENAE650 Variational Methods in Structural Mechanics; Grade Method: REG/AUD; 3 credits
0101 Th.....3:30pm- 6:00pm (EGR 2102) Kushner, A

ENAE653 Nonlinear Finite Element Analysis of Continua; Grade Method: REG/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (EGR 3114) Lee, S

ENAE654 Composite Structures; Grade Method: REG/AUD; 3 credits
0101 MW.....2:00pm- 3:15pm (ITV 1111) Vizzini, T

ENAE655 Structural Dynamics I; Grade Method: REG/AUD; 3 credits
0101 MW.....10:00am-11:15am (EGR 3108) Chopra, I

ENAE661 Advanced Propulsion; Grade Method: REG/AUD; 3 credits
0101 TuTh.....7:45am- 9:00am (CHM 0119) Billig, F

ENAE671 Aerodynamics of Incompressible Fluids; Grade Method: REG/AUD; 3 credits
0101 TuTh.....4:00pm- 5:15pm (EGR 1110) Chien, K

ENAE673 Aerodynamics of Compressible Fluids; Grade Method: REG/AUD; 3 credits
0101 TuTh.....7:30am- 8:45am (EGR 3114) Vamos, J

ENAE675 Aerodynamics of Viscous Fluids; Grade Method: REG/AUD; 3 credits
0101 MW.....2:00pm- 3:15pm (EGR 3102) Jones, E

~~ENAE788A~~ Selected Topics in Aerospace Engineering: Fundamentals of Aerodynamics; Grade Method: REG/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (EGR 2102) Anderson, J

ENAE788B Selected Topics in Aerospace Engineering: Computational Fluid Dynmamics; Grade Method: REG/AUD; 3 credits
0101 M.....5:00pm- 7:30pm (EGR 3102) Lekoudis, S

~~ENAE788C~~ Selected Topics in Aerospace Engineering: Hypersonic Aerodynamics; Grade Method: REG/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (EGR 3114) Anderson, J

~~ENAE788D~~ Selected Topics in Aerospace Engineering: Spacecraft Attitude Dynamics and Control; Grade Method: REG/AUD; 3 credits
0101 M.....5:00pm- 7:30pm (EGR 0104) Agrawal, B

ENAE799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ENAE899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

ENAG Engineering Agricultural (Agriculture)

ENAG100 Basic Agricultural Engineering Technology; 3 credits
Grade Method: REG/P-F/AUD;
0101 MWF.....2:00pm- 2:50pm (SHR 1105) Stewart, L

ENAG200 Introduction to Farm Mechanics; Grade Method: REG/P-F; Course cannot be audited. - 2 credits
0101 M.....1:00pm- 1:50pm (SHR 0106) Grant, L
M.....2:00pm- 5:00pm (SHR 0108) LAB

ENAG 234, 236 and 237 are a series of one-credit mini-courses in aspects of soil and water engineering. Students may elect one course or any combination to three credits. Students must enroll for each course - one credit per course. ENAG 234 begins Sept. 07 and ends Oct. 07; ENAG 236 begins Oct. 10 and ends Nov. 09; ENAG 237 begins Nov. 11 and ends Dec. 12. All courses meet at same time and room - MWF 11:00; SHR 0106.

ENAG234 Principles of Erosion and Water Control; 1 credit
Grade Method: REG/P-F/AUD;
0101 Meets 09/07/88 - 10/07/88 Wanchoo, L
MWF.....11:00am-11:50am (SHR 0106)

ENAG236 Design of Drainage Systems; Grade Method: REG/P-F/AUD; 1 credit
0101 Meets 10/10/88 - 11/09/88 Wanchoo, L
MWF.....11:00am-11:50am (SHR 0106)

ENAG237 Design of Irrigation Systems; Grade Method: REG/P-F/AUD; 1 credit
0101 Meets 11/11/88 - 12/12/88 Wanchoo, L
MWF.....11:00am-11:50am (SHR 0106)

ENAG305 Farm Mechanics; Grade Method: REG/P-F/AUD; Open to seniors in AGRI and EXT ED only. 2 credits
0101 Tu.....1:00pm- 1:50pm (SHR 0106) Grant, L
Tu.....2:00pm- 5:00pm (SHR 1109) LAB

ENAG315 Energy: Its Effects On Agriculture and Food; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 MWF.....11:00am-11:50am (HJP 0226) Yeck, R

ENAG421 Power Systems; Grade Method: REG/P-F/AUD; 3 credits
0101 WF.....11:00am-11:50am (SHR 1105) Harris, W
W.....2:00pm- 5:00pm (SHR 0106) LAB

ENAG422 Soil and Water Engineering; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (SHR 0106) Shirmohammadi,

ENAG489 (PermReq) Special Problems in Agricultural Engineering; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

ENAG499 (PermReq) Special Problems in Agricultural Engineering Technology; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

ENAG602 Laboratory Applications of Microcomputers; Grade Method: REG/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (SHR 1112) Johnson, A
Tu.....2:00pm- 4:00pm (SHR 0110) LAB

ENAG688 (PermReq) Advanced Topics in Agricultural Engineering; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

ENAG688T (PermReq) Advanced Topics in Agricultural Engineering: Techniques for Teaching Agricultural Engineering; Grade Method: REG/AUD; Approval of instructor prior to enrollment required. 1 credit
0101 TBA (SHR 1112) Johnson, A

ENAG698 Seminar; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Stewart, L

ENAG699 (PermReq) Special Problems in Agricultural and Aquacultural Engineering; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ENAG799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ENAG899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

ENCE Engineering, Civil (Engineering)

ENCE221 (PermReq) Introduction to Environmental Engineering; Grade Method: REG/P-F/AUD; 3 credits
0201 TuTh.....9:30am-10:45am (CHM 0127) STAFF

ENCE280 (PermReq) Engineering Survey Measurements; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (EGR 1120) STAFF
Tu.....1:00pm- 4:00pm (EGR 1110) LAB
0102 TuTh.....11:00am-12:15pm (EGR 1120) STAFF
Th.....1:00pm- 4:00pm (EGR 1110) LAB

ENCE300 (PermReq) Fundamentals of Engineering Materials; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....1:00pm- 1:50pm (EGR 1104) STAFF
M.....2:00pm- 5:00pm (EGL 0106A) LAB
0102 TuTh.....1:00pm- 1:50pm (EGR 1104) STAFF
Tu.....2:00pm- 5:00pm (EGL 0106A) LAB
0103 TuTh.....1:00pm- 1:50pm (EGR 1104) STAFF
Th.....2:00pm- 5:00pm (EGL 0106A) LAB

ENCE330 (PermReq) Basic Fluid Mechanics; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (EGR 0108) STAFF
0201 MWF.....10:00am-10:50am (EGR 1120) STAFF

ENCE340 (PermReq) Fundamentals of Soil Mechanics; Grade Method: REG/P-F/AUD; 3 credits
0201 MWF.....9:00am- 9:50am (EGR 1104) STAFF

ENCE350 (PermReq) Structural Analysis and Design I; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (CHM 0115) STAFF
0201 TuTh.....9:30am-10:45am (EGR 1108) STAFF

ENCE351 (PermReq) Structural Analysis and Design II; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (EGR 3106) STAFF
0201 TuTh.....11:00am-12:15pm (CLB 0109) STAFF

ENCE360 (PermReq) Engineering Analysis and Computer Programming; Grade Method: REG/P-F/AUD; 4 credits
0101 TuTh.....8:00am- 9:15am (CHE 2108) STAFF
W.....2:00pm- 5:00pm (EGR 1106) LAB
0102 TuTh.....8:00am- 9:15am (CHE 2108) STAFF
Th.....2:00pm- 5:00pm (EGR 1106) LAB

ENCE370 (PermReq) Fundamentals of Transportation Engineering; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (EGR 3106) STAFF

ENCE410 (PermReq) Advanced Strength of Materials; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....2:00pm- 3:15pm (EGR 1120) Garber Jr., D

ENCE421 (PermReq) Construction Engineering and Management; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (CHE 2136) STAFF

ENCE432 (PermReq) Ground Water Hydrology; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (EGR 2154) Sternberg, Y

ENCE433 (PermReq) Environmental Engineering Analysis; Grade Method: REG/P-F/AUD; 3 credits
0101 MF.....8:00am- 8:50am (EGR 0108) Birkner, F
F.....12:00pm- 3:00pm (CHM 1105) LAB
0102 MF.....8:00am- 8:50am (EGR 0108) Birkner, F
F.....12:00pm- 3:00pm (CHM 1105) LAB

ENCE434 (PermReq) Air Pollution; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (CHM 0127) Dickerson, R

ENCE435 (PermReq) Sanitary Engineering Analysis and Design; Grade Method: REG/P-F/AUD; 4 credits
0101 MWF.....11:00am-11:50am (EGR 0135) Hao, O
M.....2:00pm- 5:00pm (EGR 1106) LAB

ENCE440 (PermReq) Engineering Soil Tests; Grade Method: REG/P-F/AUD; 4 credits
0101 TuTh.....1:00pm- 1:50pm (EGR 0108) STAFF
MW.....2:00pm- 5:00pm (EGL 0106B) LAB
0102 TuTh.....1:00pm- 1:50pm (EGR 0108) STAFF
TuTh.....2:00pm- 5:00pm (EGL 0106B) LAB

ENCE441 (PermReq) Soil-Foundation Systems; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (EGR 0104) STAFF

ENCE450 (PermReq) Design of Steel Structures; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (EGR 0104) Vannoy, D

ENCE463 (PermReq) Engineering Economics and System Analysis; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (EGR 1106) STAFF

ENCE470 (PermReq) Highway Engineering; Grade Method: REG/P-F/AUD; 4 credits
0101 MWF.....10:00am-10:50am (EGR 1106) Carter, E
W.....2:00pm- 5:00pm (EGR 0110) LAB

ENCE489 (PermReq) Special Problems; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

ENCE489C (PermReq) Special Problems: Construction Scheduling and Estimating; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....3:30pm- 4:45pm (EGR 0108) STAFF

ENCE489N (PermReq) Special Problems: Computer Applications in Civil Engineering; Grade Method: REG; 3 credits
0101 TuTh.....2:00pm- 3:15pm (EGR 1102) Schwartz, C

ENCE489Y (PermReq) Special Problems: Land Information Systems for Planning and Design Models; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (EGR 1106) Ragan, R

ENCE630 Environmental and Water Resource Systems I; Grade Method: REG/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (EGR 1124) McCuen, R

ENCE636 Unit Operations of Environmental Engineering; Grade Method: REG/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (EGR 1124) Walters, R

ENCE637 Biological Principles of Environmental Engineering; Grade Method: REG/AUD; 3 credits
0101 TuTh.....5:00pm- 6:15pm (EGR 1102) Hao, O

ENCE640 Advanced Soil Mechanics; Grade Method: REG/AUD; 3 credits
0101 MW.....1:00pm- 2:15pm (EGR 1124) Witczak, M

ENCE643 Stability of Earth Structures; Grade Method: REG/AUD; 3 credits
0101 MW.....3:15pm- 4:55pm (EGR 1124) Goodings, D

ENCE656 Advanced Steel Design; Grade Method: REG/AUD; 3 credits
0101 MW.....3:30pm- 4:45pm (EGR 1102) Albrecht, P

ENCE661 Finite Element Techniques in Engineering Analysis; Grade Method: REG/AUD; 3 credits
0101 TuTh.....3:30pm- 4:45pm (EGR 3102) Wolde-Tinsae, A

ENCE670 Highway Traffic Characteristics and Measurements; Grade Method: REG/AUD; 3 credits
0101 MW.....5:00pm- 6:15pm (EGR 1102) Carter, E

ENCE672 Regional Transportation Planning; Grade Method: REG/AUD; 3 credits
0101 Tu.....5:00pm- 7:45pm (EGR 0102) Schonfeld, P

ENCE673 Urban Transportation; Grade Method: REG/AUD; 3 credits
0101 MW.....6:30pm- 7:45pm (EGR 1102) Perl, J

ENCE676 Highway Traffic Flow Theory; Grade Method: REG/AUD; 3 credits
0101 Th.....5:00pm- 7:45pm (EGR 3102) STAFF

ENCE688 Advanced Topics in Civil Engineering; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

ENCE688E Advanced Topics in Civil Engineering: Theory of Shells; Grade Method: REG/AUD; 3 credits
0101 TuTh.....5:00pm- 6:15pm (EGR 1124) Chang, P

ENCE688F Advanced Topics in Civil Engineering: Computer Applications in Construction; Grade Method: REG/AUD; 1-3 credits
0101 TuTh.....5:00pm- 6:15pm (EGR 3111) Bernold, L

ENCE688G Advanced Topics in Civil Engineering: Information and Material Management; Grade Method: REG/AUD; 3 credits
0101 TuTh.....3:30pm- 4:45pm (EGR 1102) Bernold, L

ENCE688K Advanced Topics in Civil Engineering: Risk Analysis; Grade Method: REG/AUD; 3 credits
0101 MW.....8:00am- 9:15am (EGR 2102) Ayyub, B

ENCE688R Advanced Topics in Civil Engineering: Project Acquisition and Risk Management; Grade Method: REG/AUD; 3 credits
0101 MW.....3:30pm- 4:45pm (EGR 0104) STAFF

ENCE688S Advanced Topics in Civil Engineering: Cost Engineering and Control; Grade Method: REG/AUD; 3 credits
0101 MW.....5:00pm- 6:15pm (EGR 1124) STAFF

ENCE688V Advanced Topics in Civil Engineering: Computer Methods in Structural Analysis; Grade Method: REG/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (EGR 0104) Austin, M

ENCE688Y Advanced Topics in Civil Engineering: Numerical Methods in Geomechanics; Grade Method: REG/AUD; 3 credits
0101 TuTh.....3:30pm- 4:45pm (EGR 0104) Schwartz, C

ENCE689 Seminar; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-16 credits

ENCE731 Advanced Ground Water Hydrology; Grade Method: REG/AUD; 3 credits
0101 MWF.....10:00am-10:50am (EGR 0102) Sternberg, Y

ENCE733 Applied Water Chemistry; Grade Method: REG/AUD; 4 credits
0101 TuTh.....12:30pm- 1:45pm (EGR 1102) Birkner, F
Time and room to be arranged LAB

ENCE742 Site Investigation; Grade Method: REG/AUD; 3 credits
0101 Tu.....5:00pm- 8:00pm (EGR 0135) Rib, H

ENCE751 Advanced Problems in Structural Behavior; Grade Method: REG/AUD; 3 credits
0101 MW.....5:00pm- 6:15pm (EGR 3111) Schelling, D

ENCE799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ENCE899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

ENCH Engineering, Chemical (Engineering)

ENCH215 (PermReq) Chemical Engineering Analysis; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....11:00am-11:50am (CHE 2110) Smith, T
F.....11:00am-11:50am (CHE 2110) DIS
0102 MW.....11:00am-11:50am (CHE 2110) Smith, T
F.....11:00am-11:50am (CHE 2118) DIS
0103 MW.....11:00am-11:50am (CHE 2110) Smith, T
F.....11:00am-11:50am (CHE 2145) DIS
0104 MW.....11:00am-11:50am (CHE 2110) Smith, T
F.....11:00am-11:50am (CHE 2118) DIS
0105 Time and room to be arranged STAFF
Time and room to be arranged DIS

ENCH300 (PermReq) Chemical Process Thermodynamics; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....9:00am- 9:50am (CHE 2108) McAvoy, T
F.....9:00am- 9:50am (CHE 2108) DIS

ENCH333 (PermReq) Chemical Engineering Seminar; Grade Method: REG/P-F/AUD; 1 credit
0101 Tu.....1:00pm- 1:50pm (CHE 2136) STAFF

ENCH425 (PermReq) Transport Processes II: Heat Transfer; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....10:00am-10:50am (CHE 2110) Asbjornsen, O
F.....10:00am-10:50am (CHE 2110) DIS

ENCH437 (PermReq) Chemical Engineering Laboratory; Grade Method: REG/P-F/AUD; 3 credits
0101 Th.....11:00am- 6:00pm (Arranged) LAB Regan, T
0201 Tu.....11:00am- 6:00pm (Arranged) LAB Regan, T
0301 Time and room to be arranged Regan, T
Time and room to be arranged LAB

ENCH444 (PermReq) Process Engineering Economics and Design I; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....3:00pm- 3:50pm (CHE 2110) Gasner, L

ENCH450 (PermReq) Chemical Process Development; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (CHE 2136) Regan, T

ENCH452 (PermReq) Advanced Chemical Engineering Analysis; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (CHE 2120) Wang, N

ENCH468 (PermReq) Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

ENCH482 (PermReq) Biochemical Engineering; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (CHE 2108) Gasner, L

ENCH490 (PermReq) Introduction to Polymer Science; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (CHE 2136) Choi, K

ENCH609 (PermReq) Graduate Seminar; Grade Method: REG/AUD; 1 credit
0101 Tu.....2:00pm- 2:50pm (CHE 2136) Gentry, J

ENCH620 (PermReq) Methods of Engineering Analysis; Grade Method: REG/AUD; 3 credits
0101 MW.....5:30pm- 6:45pm (CHE 2136) Halemane, K

ENCH630 (PermReq) Transport Phenomena; Grade Method: REG/AUD; 3 credits
0101 MW.....4:00pm- 5:15pm (CHE 2136) Gentry, J

ENCH648 (PermReq) Special Problems in Chemical Engineering; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-16 credits

ENCH735 Chemical Process Dynamics; Grade Method: REG/AUD; 3 credits
0101 MW.....1:00pm- 2:15pm (CHE 2136) Zafiriou, E

ENCH799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ENCH838 Advanced Topics in Transfer Theory; Grade Method: REG; 3 credits
0101 Time and room to be arranged Calabrese, R

ENCH899 (PermReq) Doctoral Dissertation Research: Chemical Engineering; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

ENCO Engineering, Cooperative Education (Engineering)

ENCO098 (PermReq) Co-Op Work Experience; Grade Method: S-F; If dropping course, see Withdrawal and Refund of Fees - Special Refund Deadlines in the Financial Information section of the Schedule of Classes. No credit
0101 Time and room to be arranged Winick, H

ENCO099 (PermReq) Co-Op Work Experience; Grade Method: S-F; If dropping course, see Withdrawl and Refund of Fees - Special Refund Deadlines in the Financial Information section of the Schedule of Classes. No credit
0101 Time and room to be arranged Winick, H

ENEE Engineering, Electrical (Engineering)

ENEE204 (PermReq) Systems and Circuits I; Grade Method: REG; Prerequisite: MATH 141. Engineering College only (04). 3 credits
0101 TuTh.....9:30am-10:45am (EGR 1202) STAFF
M.....1:00pm- 1:50pm (CHM 0122) DIS
0103 TuTh.....9:30am-10:45am (EGR 1202) STAFF
Tu.....2:00pm- 2:50pm (CHM 0128) DIS
0105 TuTh.....9:30am-10:45am (EGR 1202) STAFF
W.....12:00pm-12:50pm (CHM 2201) DIS
0106 TuTh.....9:30am-10:45am (EGR 1202) STAFF
W.....2:00pm- 2:50pm (CHM 0124) DIS
0107 TuTh.....9:30am-10:45am (EGR 1202) STAFF
Th.....8:00am- 8:50am (MTH 0302) DIS
0108 TuTh.....9:30am-10:45am (EGR 1202) STAFF
F.....9:00am- 9:50am (EGR 1102) DIS

ENEE250 (PermReq) Computer Structures; Grade Method: REG; Prerequisite: ENES 240. Engineering college (04) only. 3 credits
0101 TuTh.....12:30pm- 1:45pm (ARM 0131) STAFF
M.....8:00am- 8:50am (EGR 3110) DIS
0102 TuTh.....12:30pm- 1:45pm (ARM 0131) STAFF
M.....12:00pm-12:50pm (EGR 0135) DIS
0103 TuTh.....12:30pm- 1:45pm (ARM 0131) STAFF
M.....2:00pm- 2:50pm (CHM 0122) DIS
0104 TuTh.....12:30pm- 1:45pm (ARM 0131) STAFF
Tu.....8:00am- 8:50am (EGR 2112) DIS
0105 TuTh.....12:30pm- 1:45pm (ARM 0131) STAFF
Tu.....2:00pm- 2:50pm (CHM 0124) DIS
0106 TuTh.....12:30pm- 1:45pm (ARM 0131) STAFF
Th.....8:00am- 8:50am (EGR 1124) DIS
0107 TuTh.....12:30pm- 1:45pm (ARM 0131) STAFF
Th.....2:00pm- 2:50pm (EGR 2112) DIS
0108 TuTh.....12:30pm- 1:45pm (ARM 0131) STAFF
W.....9:00am- 9:50am (EGR 3111) DIS

ENEE300 (PermReq) Principles of Electrical Engineering; Grade Method: REG; Prerequisite: MATH 241 and PHYS 262. Engineering college (04) only. 3 credits
0101 TuTh.....8:00am- 9:15am (ARM 0131) STAFF
Tu.....1:00pm- 1:50pm (ZOP 1234) DIS
0102 TuTh.....8:00am- 9:15am (ARM 0131) STAFF
Th.....1:00pm- 1:50pm (EGR 2112) DIS
0103 TuTh.....8:00am- 9:15am (ARM 0131) STAFF
Tu.....2:00pm- 2:50pm (EGR 2154) DIS
0104 TuTh.....8:00am- 9:15am (ARM 0131) STAFF
Th.....2:00pm- 2:50pm (CHM 0128) DIS
0106 TuTh.....8:00am- 9:15am (ARM 0131) STAFF
W.....8:00am- 8:50am (CHM 0128) DIS
0107 TuTh.....8:00am- 9:15am (ARM 0131) STAFF
W.....9:00am- 9:50am (CHM 0122) DIS
0109 TuTh.....8:00am- 9:15am (ARM 0131) STAFF
W.....2:00pm- 2:50pm (EGR 2112) DIS

ENEE301 (PermReq) Electrical Engineering Laboratory; Grade Method: REG; Corequisite: ENEE 300. Engineering college (04) only. 1 credit
0101 F.....8:00am- 8:50am (CHE 2110) STAFF
M.....1:00pm- 3:00pm (EGL 0122) LAB
0102 F.....8:00am- 8:50am (CHE 2110) STAFF
Tu.....1:00pm- 3:00pm (EGL 0122) LAB

0103 F.....8:00am- 8:50am (CHE 2110) STAFF
W.....1:00pm- 3:00pm (EGL 0122) LAB
0104 F.....8:00am- 8:50am (CHE 2110) STAFF
Th.....1:00pm- 3:00pm (EGL 0122) LAB
0106 F.....8:00am- 8:50am (CHE 2110) STAFF
Tu.....3:00pm- 5:00pm (EGL 0122) LAB
0107 F.....8:00am- 8:50am (CHE 2110) STAFF
M.....3:30pm- 5:30pm (EGL 0122) LAB
0108 F.....8:00am- 8:50am (CHE 2110) STAFF
W.....3:30pm- 5:30pm (EGL 0122) LAB

ENEE304 Systems and Circuits II; Grade Method: 3 credits
(PermReq) REG; Prerequisite: ENEE 204 and corequisite: Math 246. ENEE majors (09090) only.
0101 MWF.....8:00am- 8:50am (EGR 3106) STAFF
0201 MWF.....9:00am- 9:50am (EGR 3106) STAFF
0301 MWF.....11:00am-11:50am (EGR 1108) STAFF
0401 TuTh.....8:00am- 9:15am (EGR 3106) STAFF
0501 TuTh.....9:30am-10:45am (ZOP 1124) STAFF

ENEE305 Fundamental Laboratory; Grade Method: REG; 2 credits
(PermReq) Prerequisite: ENEE 204 and corequisite: ENEE 304. ENEE (09090) majors only. Completion of ENEE 304 recommended.
0101 F.....12:00pm-12:50pm (EGR 1202) STAFF
Tu.....8:00am-11:00am (EGL 0132) LAB
0102 F.....12:00pm-12:50pm (EGR 1202) STAFF
Th.....8:00am-11:00am (EGL 0132) LAB
0103 F.....12:00pm-12:50pm (EGR 1202) STAFF
Tu.....12:00pm- 3:00pm (EGL 0132) LAB
0104 F.....12:00pm-12:50pm (EGR 1202) STAFF
Th.....12:00pm- 3:00pm (EGL 0132) LAB
0105 F.....12:00pm-12:50pm (EGR 1202) STAFF
Th.....3:00pm- 6:00pm (EGL 0132) LAB
0106 F.....12:00pm-12:50pm (EGR 1202) STAFF
F.....1:00pm- 4:00pm (EGL 0132) LAB
0107 F.....12:00pm-12:50pm (EGR 1202) STAFF
M.....1:00pm- 4:00pm (EGL 0132) LAB
0108 F.....12:00pm-12:50pm (EGR 1202) STAFF
W.....3:00pm- 6:00pm (EGL 0132) LAB

ENEE314 Electronic Circuits; Grade Method: REG; 3 credits
(PermReq) Prerequisite: ENEE 304. ENEE majors (09090) only.
0101 MWF.....8:00am- 8:50am (EGR 2154) STAFF
0201 MWF.....9:00am- 9:50am (EGR 1126) STAFF
0401 TuTh.....8:00am- 9:15am (EGR 0110) STAFF
0501 TuTh.....9:30am-10:45am (EGR 3106) STAFF
0601 TuTh.....5:00pm- 6:15pm (EGR 3140) STAFF

ENEE322 Signal and System Theory; Grade Method: 3 credits
(PermReq) REG; Prerequisite: ENEE 204 and MATH 246. ENEE majors (09090) only.
0101 TuTh.....11:00am-12:15pm (ARM 0135) STAFF
Tu.....2:00pm- 3:00pm (EGR 1106) DIS
0102 TuTh.....11:00am-12:15pm (ARM 0135) STAFF
Tu.....4:00pm- 5:00pm (EGR 0102) DIS
0103 TuTh.....11:00am-12:15pm (ARM 0135) STAFF
W.....12:00pm- 1:00pm (EGR 1104) DIS
0104 TuTh.....11:00am-12:15pm (ARM 0135) STAFF
Th.....8:00am- 9:00am (CHE 2116) DIS
0105 TuTh.....11:00am-12:15pm (ARM 0135) STAFF
W.....9:00am- 9:50am (CHE 2145) DIS
0107 TuTh.....11:00am-12:15pm (ARM 0135) STAFF
W.....2:00pm- 3:00pm (EGR 1110) DIS
0108 TuTh.....11:00am-12:15pm (ARM 0135) STAFF
W.....4:00pm- 5:00pm (EGR 0102) DIS
0109 TuTh.....11:00am-12:15pm (ARM 0135) STAFF
W.....10:00am-11:00am (CHM 0122) DIS
0110 TuTh.....11:00am-12:15pm (ARM 0135) STAFF
W.....11:00am-12:00pm (CHE 2145) DIS

ENEE324 Engineering Probability; Grade Method: 3 credits
(PermReq) REG; Prerequisite: ENEE 322. ENEE majors (09090) only.
0101 TuTh.....9:30am-10:45am (ARM 0131) STAFF
Tu.....2:00pm- 3:00pm (CHE 2116) DIS
0102 TuTh.....9:30am-10:45am (ARM 0131) STAFF
Tu.....4:00pm- 5:00pm (HBK 0117) DIS
0103 TuTh.....9:30am-10:45am (ARM 0131) STAFF
W.....10:00am-11:00am (MTH 0411) DIS
0105 TuTh.....9:30am-10:45am (ARM 0131) STAFF
W.....11:00am-12:00pm (EGR 2112) DIS
0107 TuTh.....9:30am-10:45am (ARM 0131) STAFF
W.....2:00pm- 3:00pm (CHM 0127) DIS
0108 TuTh.....9:30am-10:45am (ARM 0131) STAFF
W.....4:00pm- 5:00pm (PHY 1219) DIS

ENEE380 Electromagnetic Theory; Grade Method: REG; 3 credits
(PermReq) Prerequisites: MATH 241 and PHYS 263. ENEE majors (09090) only.
0101 MWF.....11:00am-11:50am (EGR 1126) STAFF

0301 MWF.....10:00am-10:50am (EGR 3106) STAFF
0401 TuTh.....8:00am- 9:15am (EGR 1104) STAFF
0501 MWF.....1:00pm- 1:50pm (EGR 1108) STAFF
0701 TuTh.....9:30am-10:45am (EGR 0108) STAFF

ENEE381 Electromagnetic Wave Propagation; Grade 3 credits
(PermReq) Method: REG; Prerequisite: ENEE 380. ENEE majors only (09090).
0101 MWF.....8:00am- 8:50am (EGR 0110) STAFF
0201 MWF.....9:00am- 9:50am (EGR 1120) STAFF
0301 MWF.....10:00am-10:50am (EGR 0110) STAFF
0401 TuTh.....9:30am-10:45am (EGR 1126) STAFF
0501 MWF.....1:00pm- 1:50pm (EGR 0110) STAFF

ENEE412 Advanced Electronics; Grade Method: REG; 3 credits
(PermReq) Prerequisite: ENEE 314. ENEE majors only
0101 TuTh.....11:00am-12:15pm (EGR 1106) STAFF

ENEE413 Electronics Laboratory; Grade Method: REG; 2 credits
(PermReq) Prerequisites: ENEE 305 and ENEE 314. ENEE majors (09090) only.
0101 W.....12:00pm-12:50pm (EGR 1202) STAFF
Tu.....8:00am-11:00am (EGL 0122A) LAB
0102 W.....12:00pm-12:50pm (EGR 1202) STAFF
Tu.....12:30pm- 3:30pm (EGL 0122A) LAB
0103 W.....12:00pm-12:50pm (EGR 1202) STAFF
Th.....8:00am-11:00am (EGL 0122A) LAB
0104 W.....12:00pm-12:50pm (EGR 1202) STAFF
Th.....12:30pm- 3:30pm (EGL 0122A) LAB
0105 W.....12:00pm-12:50pm (EGR 1202) STAFF
F.....1:00pm- 4:00pm (EGL 0122A) LAB
0106 W.....12:00pm-12:50pm (EGR 1202) STAFF
W.....1:00pm- 4:00pm (EGL 0122A) LAB
0107 W.....12:00pm-12:50pm (EGR 1202) STAFF
M.....12:00pm- 3:00pm (EGL 0122A) LAB
0108 W.....12:00pm-12:50pm (EGR 1202) STAFF
M.....3:15pm- 6:15pm (EGL 0122A) LAB

ENEE418 Projects in Electrical Engineering: 1-3 credits
(PermReq) General Electrical Engineering Projects; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. ENEE majors (09090) only.

ENEE420 Communication Systems; Grade Method: REG; 3 credits
(PermReq) Prerequisite ENEE 324. ENEE majors (09090) only.
0101 TuTh.....12:30pm- 1:45pm (EGR 2154) STAFF
0201 MW.....5:00pm- 6:15pm (EGR 3110) STAFF
0301 MWF.....11:00am-11:50am (EGR 2154) STAFF
0401 TuTh.....6:30pm- 7:45pm (EGR 1126) STAFF

ENEE421 Information Theory and Coding; Grade 3 credits
(PermReq) Method: REG; Prerequisite: ENEE 324; ENEE majors (09090) only.
0101 TuTh.....3:30pm- 4:45pm (EGR 1108) STAFF

ENEE425 Digital Signal Processing; Grade Method: 3 credits
(PermReq) REG; Prerequisite: ENEE 322. ENEE majors (09090) only.
0101 TuTh.....2:00pm- 3:15pm (EGR 3106) STAFF
0201 TuTh.....5:00pm- 6:15pm (EGR 0110) STAFF
0301 MW.....5:00pm- 6:15pm (EGR 1120) STAFF

ENEE435 Electrodes and Electrical Processes in 3 credits
(PermReq) Biology and Medicine; Grade Method: REG; Prerequisite: ENEE 204 or ENEE 300. ENEE majors (09090) only.
0101 TuTh.....3:30pm- 4:45pm (EGR 3106) STAFF

ENEE440 Microprocessors; Grade Method: REG; 3 credits
(PermReq) Prerequisite: ENEE 250. ENEE majors only (09090).
0101 TuTh.....2:00pm- 3:15pm (EGR 0108) STAFF
0201 TuTh.....5:00pm- 6:15pm (EGR 1104) STAFF
0301 TuTh.....8:00am- 9:15am (EGR 1126) STAFF

ENEE442 Software Engineering; Grade Method: REG; 3 credits
(PermReq) Prerequisite: ENEE 250. ENEE Majors Only (09090).
0101 TuTh.....3:30pm- 4:45pm (EGR 1126) STAFF

ENEE444 Logic Design of Digital Systems; Grade 3 credits
(PermReq) Method: REG; Prerequisite: ENEE 250. ENEE majors (09090) only.
0101 MW.....5:00pm- 6:15pm (EGR 3106) STAFF
0301 TuTh.....8:00am- 9:15am (EGR 1108) STAFF
0401 TuTh.....5:00pm- 6:15pm (EGR 1126) STAFF

ENEE445 Computer Laboratory; Grade Method: REG; 2 credits
(PermReq) Prerequisite: ENEE 444 and ENEE 305. ENEE majors (09090) only.

0101 Tu.....10:00am-10:50am (EGR 0135) STAFF
Tu.....12:30pm- 3:30pm (EGL 0130) LAB
0102 Tu.....10:00am-10:50am (EGR 0135) STAFF
Th.....9:00am-12:00pm (EGL 0130) LAB
0103 Tu.....10:00am-10:50am (EGR 0135) STAFF
Th.....12:30pm- 3:30pm (EGL 0130) LAB

ENEE446 Digital Computer Design; Grade Method: 3 credits
(PermReq) REG; Prerequisite: ENEE 250. ENEE majors (09090) only.
0101 TuTh.....5:00pm- 6:15pm (EGR 3110) STAFF
0201 MW.....5:00pm- 6:15pm (EGR 2154) STAFF
0301 TuTh.....11:00am-12:15pm (EGR 0108) STAFF

ENEE460 Control Systems; Grade Method: REG; 3 credits
(PermReq) Prerequisite: ENEE 322. ENEE majors (09090) only.
0101 MW.....2:00pm- 3:15pm (EGR 0108) STAFF

ENEE483 Electromagnetic Measurements Laboratory; 2 credits
(PermReq) Grade Method: REG; Prerequisite: ENEE 305 and ENEE 380, ENEE majors (09090) only.
0101 Tu.....1:00pm- 1:50pm (EGR 1124) STAFF
Tu.....2:00pm- 5:00pm (EGR 1124) LAB

ENEE488E Topics in Electrical Engineering: 3 credits
(PermReq) Electrical Power System Components; Grade Method: REG; Prerequisites: ENEE 304 and ENEE 380. ENEE majors (09090) only.
0101 TuTh.....9:30am-10:45am (EGR 0110) STAFF

ENEE488F Topics in Electrical Engineering: Power 3 credits
(PermReq) Electronics; Grade Method: REG; Prerequisite: ENEE 314; ENEE majors (09090) only.
0101 MW.....5:00pm- 6:15pm (EGR 1110) STAFF

ENEE488G Topics in Electrical Engineering: 3 credits
(PermReq) Fundamentals of Microwave Devices; Grade Method: REG; Prerequisite: ENEE 381. ENEE majors (09090) only.
0101 MW.....2:00pm- 3:15pm (EGR 1104) STAFF

ENEE488K Topics in Electrical Engineering: Optical 3 credits
(PermReq) System Design; Grade Method: REG; Co-requisite: ENEE 381. ENEE majors (09090) only.
0101 TuTh.....2:00pm- 3:15pm (EGR 1104) STAFF

ENEE488M Topics in Electrical Engineering: Random 3 credits
(PermReq) Processes in Communication and Control; Grade Method: REG; Prerequisite: ENEE 324. ENEE majors (09090) only.
0101 TuTh.....11:00am-12:15pm (EGR 1126) STAFF

ENEE494 Solid State Devices; Grade Method: REG; 3 credits
(PermReq) Prerequisite: ENEE 314 and ENEE majors (09090) only.
0101 TuTh.....5:00pm- 6:15pm (EGR 1108) STAFF

ENEE496 Lasers and Electro-optic Devices; Grade 3 credits
(PermReq) Method: REG; Corequisite: ENEE 381; ENEE majors (09090) only.
0101 MW.....3:30pm- 4:45pm (EGR 0108) STAFF

ENEE608A Graduate Seminar: Controls; Grade Method: 1-3 credits
REG/AUD;
0101 F.....2:00pm- 3:00pm (EGR 1126) STAFF

ENEE608B Graduate Seminar: Microelectronics 1-3 credits
Seminar; Grade Method: REG/AUD;
0101 F.....3:00pm- 4:00pm (EGR 3102) STAFF

ENEE608C Graduate Seminar: Communications Seminar; 1-3 credits
Grade Method: REG/AUD;
0101 F.....4:00pm- 4:50pm (EGR 3114) STAFF

ENEE608D Graduate Seminar: Computers; Grade Method: 1-3 credits
REG/AUD;
0101 F.....2:00pm- 4:00pm (EGR 0104) STAFF

ENEE608E Graduate Seminar: Biomedical Seminar; 1-3 credits
Grade Method: REG/AUD;
0101 Tu.....6:00pm- 8:00pm (EGR 3102) STAFF

ENEE608F Graduate Seminar: Electrophysics Seminar; 1-3 credits
Grade Method: REG/AUD;
0101 F.....4:00pm- 5:00pm (EGR 3111) STAFF

ENEE608J Graduate Seminar: Algorithmic Methods in 1-3 credits
Queing Networks; Grade Method: REG/AUD;
0101 Time and room to be arranged STAFF

ENEE609A Projects and Independent Study; Grade 1-3 credits
Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

ENEE609B Projects and Independent Study; Grade 1-3 credits
Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

ENEE610 Electrical Network Theory; Grade Method: 3 credits
REG/AUD;
0101 TuTh.....11:00am-12:15pm (EGR 3108) STAFF

ENEE620 Random Processes in Communication and 3 credits
Control; Grade Method: REG/AUD;
0101 TuTh.....3:30pm- 4:45pm (EGR 2154) STAFF
0201 MW.....6:30pm- 7:45pm (EGR 3106) STAFF

ENEE625 Multi-user Communication; Grade Method: 3 credits
REG/AUD;
0101 TuTh.....6:30pm- 7:45pm (EGR 3106) STAFF

ENEE646 Digital Computer Design; Grade Method: 3 credits
REG/AUD;
0101 MW.....12:30pm- 1:45pm (EGR 3106) STAFF

ENEE648A Advanced Topics in Electrical Engineering: 3 credits
Microwave Circuits; Grade Method: REG/AUD;
0101 TuTh.....2:00pm- 3:15pm (EGR 1108) STAFF

ENEE648B Advanced Topics in Electrical Engineering: 3 credits
Microcomputer-Based System Design; Grade Method: REG/AUD;
0101 TuTh.....2:00pm- 3:15pm (EGR 1126) STAFF

ENEE648C Advanced Topics in Electrical Engineering: 3 credits
VLSI System Design; Grade Method: REG/AUD;
0101 TuTh.....6:30pm- 7:45pm (EGR 1120) STAFF

ENEE648G Advanced Topics in Electrical Engineering: 3 credits
Semiconductor Device Technology; Grade Method: REG/AUD;
0101 MW.....5:00pm- 6:15pm (EGR 0110) STAFF

ENEE648I Advanced Topics in Electrical Engineering: 3 credits
Operating Systems; Grade Method: REG/AUD;
0101 TuTh.....2:00pm- 3:15pm (EGR 2102) STAFF

ENEE648M Advanced Topics in Electrical Engineering: 3 credits
Compound Semiconductor Technology; Grade Method: REG/AUD;
0101 TuTh.....5:00pm- 6:15pm (EGR 3106) STAFF

ENEE648S Advanced Topics in Electrical Engineering; 3 credits
Grade Method: REG/AUD;
0101 MW.....3:30pm- 4:45pm (EGR 1126) STAFF

ENEE648T Advanced Topics in Electrical Engineering; 3 credits
Grade Method: REG/AUD;
0101 TuTh.....5:00pm- 6:15pm (EGR 1106) STAFF

ENEE654 Combinatorial Switching Theory; Grade 3 credits
Method: REG/AUD;
0101 MW.....3:30pm- 4:45pm (ITV 1111) STAFF

ENEE661 Nonlinear Control Systems; Grade Method: 3 credits
REG/AUD;
0101 MW.....2:00pm- 3:15pm (EGR 1108) STAFF

ENEE663 System Theory; Grade Method: REG/AUD; 3 credits
0101 MW.....3:30pm- 4:45pm (EGR 1108) STAFF

ENEE680 Electromagnetic Theory I; Grade Method: 3 credits
REG/AUD;
0101 MW.....2:00pm- 3:15pm (EGR 3106) STAFF

ENEE690 Quantum and Wave Phenomena With Electrical 3 credits
Application; Grade Method: REG/AUD;
0101 TuTh.....3:30pm- 4:45pm (EGR 1104) STAFF

ENEE696 Integrated and Microwave Electronics; 3 credits
Grade Method: REG/AUD;
0101 TuTh.....2:00pm- 3:15pm (EGR 3102) STAFF

ENEE697 Semiconductor Devices and Technology; 3 credits
Grade Method: REG/AUD;
0101 MW.....3:30pm- 4:45pm (EGR 1120) STAFF

ENEE721 Information Theory; Grade Method: REG/AUD; 3 credits
0101 MW.....5:00pm- 6:15pm (EGR 1108) STAFF

ENEE724 Digital Signal Processing; Grade Method: 3 credits
REG/AUD;

0101 MW.....3:30pm- 4:45pm (EGR 3106) STAFF

ENEE769A Advanced Topics in Control Theory: Design 3 credits
and Control of Robotic Manipulation; Grade Method: REG/AUD;
0101 MW.....5:00pm- 6:15pm (EGR 1126) STAFF

ENEE791 Quantum Electronics II; Grade Method: 3 credits
REG/AUD;
0101 MW.....5:00pm- 6:15pm (EGR 0108) STAFF

ENEE793 Solid State Electronics; Grade Method: 3 credits
REG/AUD;
0101 MW.....2:00pm- 3:15pm (EGR 1126) STAFF

ENEE799 Master's Thesis Research; Grade Method: 1-6 credits
(PermReq) REG; Individual Instruction course: contact department or instructor to obtain section number.

ENEE899 Doctoral Dissertation Research; Grade 1-8 credits
(PermReq) Method: REG; Individual Instruction course: contact department or instructor to obtain section number.

ENES Engineering Science (Engineering)

ENES101 Introductory Engineering Science; Grade 3 credits
(PermReq) Method: REG/P-F/AUD; Prerequisite: must be a student in the College of Engineering.
0101 MW.....8:00am- 8:50am (ZOP 1250) STAFF
Tu.....8:00am-10:00am (CHM 0122) DIS
0102 MW.....8:00am- 8:50am (ZOP 1250) STAFF
Tu.....10:00am-12:00pm (CHM 0122) DIS
0103 MW.....8:00am- 8:50am (ZOP 1250) STAFF
Th.....8:00am-10:00am (CHM 0122) DIS
0104 MW.....8:00am- 8:50am (ZOP 1250) STAFF
Th.....10:00am-12:00pm (CHM 0122) DIS
0105 MW.....8:00am- 8:50am (ZOP 1250) STAFF
F.....8:00am-10:00am (EGR 0135) DIS
0106 MW.....8:00am- 8:50am (ZOP 1250) STAFF
F.....12:00pm- 2:00pm (CHM 0124) DIS
0201 MW.....12:00pm-12:50pm (ARM 0131) STAFF
Tu.....8:00am-10:00am (EGR 3108) DIS
0202 MW.....12:00pm-12:50pm (ARM 0131) STAFF
Tu.....10:00am-12:00pm (ZOP 1228) DIS
0203 MW.....12:00pm-12:50pm (ARM 0131) STAFF
Tu.....1:00pm- 3:00pm (CHM 0122) DIS
0204 MW.....12:00pm-12:50pm (ARM 0131) STAFF
Th.....8:00am-10:00am (EGR 3108) DIS
0205 MW.....12:00pm-12:50pm (ARM 0131) STAFF
Th.....1:00pm- 3:00pm (EGR 1120) DIS
0301 TuTh.....2:00pm- 2:50pm (CHM 1407) STAFF
M.....1:00pm- 3:00pm (EGR 2154) DIS
0302 TuTh.....2:00pm- 2:50pm (CHM 1407) STAFF
M.....1:00pm- 3:00pm (EGR 1110) DIS
0303 TuTh.....2:00pm- 2:50pm (CHM 1407) STAFF
W.....12:00pm- 2:00pm (CHM 0124) DIS
0304 TuTh.....2:00pm- 2:50pm (CHM 1407) STAFF
W.....1:00pm- 3:00pm (CHM 0122) DIS
0305 TuTh.....2:00pm- 2:50pm (CHM 1407) STAFF
W.....1:00pm- 3:00pm (EGR 2154) DIS
0306 TuTh.....2:00pm- 2:50pm (CHM 1407) STAFF
F.....12:00pm- 2:00pm (EGR 3110) DIS

ENES110 Statics; Grade Method: REG/P-F/AUD; 3 credits
(PermReq) Prerequisite: MATH 140. Limited to engineering students. Must be a student in the College of Engineering.
0101 TuTh.....2:00pm- 2:50pm (EGR 1202) STAFF
M.....12:00pm- 2:00pm (EGR 3110) DIS
0102 TuTh.....2:00pm- 2:50pm (EGR 1202) STAFF
Tu.....11:00am- 1:00pm (EGR 3110) DIS
0103 TuTh.....2:00pm- 2:50pm (EGR 1202) STAFF
Th.....11:00am- 1:00pm (CHM 0128) DIS
0104 TuTh.....2:00pm- 2:50pm (EGR 1202) STAFF
F.....12:00pm- 2:00pm (CHE 2140) DIS
0201 TuTh.....1:00pm- 1:50pm (EGR 1202) STAFF
M.....12:00pm- 2:00pm (CHM 0124) DIS
0202 TuTh.....1:00pm- 1:50pm (EGR 1202) STAFF
M.....2:00pm- 4:00pm (CHM 0124) DIS
0203 TuTh.....1:00pm- 1:50pm (EGR 1202) STAFF
M.....2:00pm- 4:00pm (EGR 0110) DIS
0204 TuTh.....1:00pm- 1:50pm (EGR 1202) STAFF
F.....1:00pm- 3:00pm (EGR 2154) DIS

ENES220 Mechanics of Materials; Grade Method: 3 credits
REG/AUD;
0101 MWF.....8:00am- 8:50am (CHE 2108) STAFF
0201 MWF.....9:00am- 9:50am (CHM 0127) STAFF
0301 MWF.....10:00am-10:50am (CHE 2108) STAFF
0401 MWF.....11:00am-11:50am (CHM 0119) STAFF
0501 TuTh.....8:00am- 9:15am (CHM 0127) STAFF

ENES221 Dynamics; Grade Method: REG/P-F/AUD; 3 credits
(PermReq) Prerequisite: ENES 110. Pre- or corequisite: MATH 241.
0101 MW.....8:00am- 8:50am (ARM 0126) STAFF
M.....1:00pm- 3:00pm (CHE 2140) DIS
0102 MW.....8:00am- 8:50am (ARM 0126) STAFF
M.....1:00pm- 3:00pm (ZOP 1234) DIS
0103 MW.....8:00am- 8:50am (ARM 0126) STAFF
W.....1:00pm- 3:00pm (CHE 2145) DIS
0104 MW.....8:00am- 8:50am (ARM 0126) STAFF
W.....1:00pm- 3:00pm (CHE 2140) DIS
0105 MW.....8:00am- 8:50am (ARM 0126) STAFF
F.....8:00am-10:00am (EGR 3110) DIS
0106 MW.....8:00am- 8:50am (ARM 0126) STAFF
F.....8:00am-10:00am (CHE 2145) DIS
0201 TuTh.....9:30am-10:20am (PHY 1410) STAFF
M.....1:00pm- 3:00pm (CHE 2145) DIS
0202 TuTh.....9:30am-10:20am (PHY 1410) STAFF
Tu.....1:00pm- 3:00pm (EGR 2112) LAB
0204 TuTh.....9:30am-10:20am (PHY 1410) STAFF
Th.....1:00pm- 3:00pm (CHM 0122) DIS

ENES221H Dynamics; Grade Method: REG/P-F/AUD; 3 credits
(PermReq) Requires MATH SAT score of 650. Prerequisite: ENES 110. Co- or prerequisite: MATH 241.
0101 TuTh.....9:30am-10:45am (EGR 0102) STAFF

ENES230 Introduction to Materials and Their 3 credits
(PermReq) Applications; Grade Method: REG/P-F/AUD;
0101 Time and room to be arranged STAFF

ENES240 Engineering Computation; Grade Method: 3 credits
(PermReq) REG; Prerequisite: MATH 141 and ENES 101. Engineering College (04) only.
0101 TuTh.....12:00pm-12:50pm (ARM 0126) STAFF
Tu.....8:00am-10:00am (CHE 2140) LAB
0103 TuTh.....12:00pm-12:50pm (ARM 0126) STAFF
Tu.....10:00am-12:00pm (ARM 0105) LAB
0104 TuTh.....12:00pm-12:50pm (ARM 0126) STAFF
Tu.....10:00am-12:00pm (EGR 2112) LAB
0105 TuTh.....12:00pm-12:50pm (ARM 0126) STAFF
Tu.....1:00pm- 3:00pm (EGR 1120) LAB
0106 TuTh.....12:00pm-12:50pm (ARM 0126) STAFF
Th.....8:00am-10:00am (EGR 2112) LAB
0108 TuTh.....12:00pm-12:50pm (ARM 0126) STAFF
Th.....10:00am-12:00pm (CHE 2140) LAB
0109 TuTh.....12:00pm-12:50pm (ARM 0126) STAFF
Th.....10:00am-12:00pm (ARM 0105) LAB
0110 TuTh.....12:00pm-12:50pm (ARM 0126) STAFF
Th.....1:00pm- 3:00pm (CHE 2136) LAB
0111 TuTh.....12:00pm-12:50pm (ARM 0126) STAFF
Th.....1:00pm- 3:00pm (EGR 3110) LAB
0112 TuTh.....12:00pm-12:50pm (ARM 0126) STAFF
F.....1:00pm- 3:00pm (EGR 1120) LAB

ENES386 Field Work; Grade Method: REG/P-F/AUD; 1-3 credits
Individual Instruction course: contact department or instructor to obtain section number.

ENES387 Field Work Analysis; Grade Method: 1-3 credits
REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.

ENES388 Engineering Honors Seminar; Grade Method: 1 credit
REG/P-F;
0101 W.....12:00pm- 1:00pm (EGR 0135) Dieter Jr., G

ENES389 Special Topics in Engineering: How Things 3 credits
Work: Technological Literacy for the 1990's; Grade Method: REG/P-F/AUD;
0101 MWF.....10:00am-10:50am (EGR 3140) Destler, W

ENFP Engineering, Fire Protection (Engineering)

ENFP251 Introduction to Fire Protection 3 credits
Engineering; Grade Method: REG/P-F/AUD;
0101 MW.....9:00am-11:00am (EGR 0135) Bryan, J

ENFP310 Fire Protection Systems Design I; Grade (PermReq) Method: REG/P-F/AUD; 3 credits
0101 TuTh.....8:00am-10:00am (EGR 0135) Mowrer, F

ENFP320 Pyrometrics of Materials; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 MW.....3:00pm- 5:00pm (EGR 0135) Bryan, J

ENFP321 Functional and Life Safety Analysis; Grade Method: REG/P-F/AUD; Majors only. 3 credits
0101 MW.....1:00pm- 3:00pm (EGR 0135) STAFF

ENFP412 Heat Transfer Applications in Fire Protection; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 Time and room to be arranged Milke, J

ENFP489 Special Topics: Fire Dynamics; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 Th.....5:00pm- 8:00pm (EGR 0135) Quintiere, J

ENFP489A Special Topics: Instrumentation and Experimentation; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 W.....6:30pm- 9:30pm (EGR 0135) Mowrer, F

ENGL English (Arts and Humanities)

For courses related to English, please see the listings under Comparative Literature (CMLT).

ENGL001 Basic Reading; Grade Method: S-F; The notation 3 credits is used only for billing and full-time or part-time status. This course does not carry credit towards any degree at the University. If dropping course, see withdrawal and refund fees - special refund deadlines in the financial information section of the Schedule of Classes. 3 credits
0101 MWF.....9:00am- 9:50am (EGR 3114) STAFF
0201 MWF.....10:00am-10:50am (EGR 3114) STAFF

ENGL101 Introduction to Writing; Grade Method: REG; Students with a TWSE score below 33 must take ENGL 101A in place of ENGL 101. Students for whom English is a second language should consider taking ENGL 101X in place of ENGL 101. 3 credits
0001 MWF.....8:00am- 8:50am (TLF 1104) STAFF
0003 MWF.....8:00am- 8:50am (TLF 1102) STAFF
0101 MWF.....9:00am- 9:50am (TYD 1136) STAFF
0102 MWF.....9:00am- 9:50am (ASY 3219) STAFF
0103 MWF.....9:00am- 9:50am (ARM 0121) STAFF
0104 MWF.....9:00am- 9:50am (TLF 2103) STAFF
0105 MWF.....9:00am- 9:50am (WDS 1127) STAFF
0106 MWF.....9:00am- 9:50am (ARM 0101) STAFF
0107 MWF.....9:00am- 9:50am (ARM 0103) STAFF
0108 MWF.....9:00am- 9:50am (KEY 0121) STAFF
0201 MWF.....10:00am-10:50am (ARM 0108) STAFF
0202 MWF.....10:00am-10:50am (ARM 0121) STAFF
0203 MWF.....10:00am-10:50am (EGR 0104) STAFF
0204 MWF.....10:00am-10:50am (TYD 1136) STAFF
0205 MWF.....10:00am-10:50am (ARM 0101) STAFF
0206 MWF.....10:00am-10:50am (ARM 0118) STAFF
0207 MWF.....10:00am-10:50am (EGR 1102) STAFF
0208 MWF.....10:00am-10:50am (LEF 1220) STAFF
0209 MWF.....10:00am-10:50am (ARM 0105) STAFF
0210 MWF.....10:00am-10:50am (CHE 2120) STAFF
0301 MWF.....11:00am-11:50am (ARM 0120) STAFF
0303 MWF.....11:00am-11:50am (ARM 0104) STAFF
0304 MWF.....11:00am-11:50am (ARM 0121) STAFF
0305 MWF.....11:00am-11:50am (EGR 1102) STAFF
0306 MWF.....11:00am-11:50am (EGR 1124) STAFF
0307 MWF.....11:00am-11:50am (HBK 0125) STAFF
0308 MWF.....11:00am-11:50am (KEY 0119) STAFF
0401 MWF.....12:00pm-12:50pm (HBK 0117) STAFF
0402 MWF.....12:00pm-12:50pm (ARM 0108) STAFF
0403 MWF.....12:00pm-12:50pm (WDS 1127) STAFF
0404 MWF.....12:00pm-12:50pm (TYD 1136) STAFF
0405 MWF.....12:00pm-12:50pm (HBK 1112) STAFF
0406 MWF.....12:00pm-12:50pm (ARM 0121) STAFF
0407 MWF.....12:00pm-12:50pm (TLF 2103) STAFF
0408 MWF.....12:00pm-12:50pm (HBK 0125) STAFF
0409 MWF.....12:00pm-12:50pm (WDS 1131) STAFF
0410 MWF.....12:00pm-12:50pm (KEY 0116) STAFF
0501 MWF.....1:00pm- 1:50pm (ARC 1125) STAFF

0502 MWF.....1:00pm- 1:50pm (HBK 1108) STAFF
0503 MWF.....1:00pm- 1:50pm (WDS 1127) STAFF
0504 MWF.....1:00pm- 1:50pm (ARM 0120) STAFF
0505 MWF.....1:00pm- 1:50pm (TWS 2228) STAFF
0506 MWF.....1:00pm- 1:50pm (TYD 1136) STAFF
0507 MWF.....1:00pm- 1:50pm (EGR 1102) STAFF
0508 MWF.....1:00pm- 1:50pm (HBK 0125) STAFF
0601 MWF.....2:00pm- 2:50pm (WDS 1127) STAFF
0602 MWF.....2:00pm- 2:50pm (TLF 2110) STAFF
0604 MWF.....2:00pm- 2:50pm (HBK 1116) STAFF
0605 MWF.....2:00pm- 2:50pm (HBK 1108) STAFF
0607 MWF.....2:00pm- 2:50pm (ARM 0120) STAFF
0608 MWF.....2:00pm- 2:50pm (TLF 2101) STAFF
0610 MWF.....2:00pm- 2:50pm (KEY 0125) STAFF
0701 MWF.....3:00pm- 3:50pm (TLF 1103) STAFF
0702 MWF.....3:00pm- 3:50pm (TLF 0102) STAFF
0703 MWF.....3:00pm- 3:50pm (TLF 1102) STAFF
0704 MWF.....3:00pm- 3:50pm (HBK 1116) STAFF
0706 MWF.....3:00pm- 3:50pm (HBK 1108) STAFF
0707 MWF.....3:00pm- 3:50pm (TLF 2101) STAFF
0801 MWF.....4:00pm- 4:50pm (KEY 0117) STAFF
1001 TuTh.....8:00am- 9:15am (ARM 0120) STAFF
1002 TuTh.....8:00am- 9:15am (ARM 0108) STAFF
1003 TuTh.....8:00am- 9:15am (ARC 1125) STAFF
1101 TuTh.....9:30am-10:45am (ARM 0118) STAFF
1102 TuTh.....9:30am-10:45am (ARC 1125) STAFF
1103 TuTh.....9:30am-10:45am (ARM 0104) STAFF
1104 TuTh.....9:30am-10:45am (EGR 3102) STAFF
1105 TuTh.....9:30am-10:45am (ARM 0120) STAFF
1106 TuTh.....9:30am-10:45am (ARM 0108) STAFF
1107 TuTh.....9:30am-10:45am (LEF 1210) STAFF
1201 TuTh.....11:00am-12:15pm (ARM 0120) STAFF
1203 TuTh.....11:00am-12:15pm (HZF 1108) STAFF
1205 TuTh.....11:00am-12:15pm (ARM 0118) STAFF
1206 TuTh.....11:00am-12:15pm (ARM 0103) STAFF
1207 TuTh.....11:00am-12:15pm (EGR 3114) STAFF
1208 TuTh.....11:00am-12:15pm (CHM 0124) STAFF
1301 TuTh.....12:30pm- 1:45pm (ARM 0121) STAFF
1302 TuTh.....12:30pm- 1:45pm (ARM 0101) STAFF
1303 TuTh.....12:30pm- 1:45pm (JMZ 1103) STAFF
1304 TuTh.....12:30pm- 1:45pm (ARC 1127) STAFF
1305 TuTh.....12:30pm- 1:45pm (HZF 1108) STAFF
1306 TuTh.....12:30pm- 1:45pm (WDS 1131) STAFF
1307 TuTh.....12:30pm- 1:45pm (ARM 0103) STAFF
1308 TuTh.....12:30pm- 1:45pm (ARC 1123) STAFF
1401 TuTh.....2:00pm- 3:15pm (EGR 3114) STAFF
1402 TuTh.....2:00pm- 3:15pm (ARC 1123) STAFF
1403 TuTh.....2:00pm- 3:15pm (ARM 0104) STAFF
1404 TuTh.....2:00pm- 3:15pm (ARM 0103) STAFF
1405 TuTh.....2:00pm- 3:15pm (ARM 0101) STAFF
1408 TuTh.....2:00pm- 3:15pm (ARC 1125) STAFF
1409 TuTh.....2:00pm- 3:15pm (JMZ 1104) STAFF
1501 TuTh.....3:30pm- 4:45pm (HBK 0125) STAFF
1502 TuTh.....3:30pm- 4:45pm (KEY 0116) STAFF
1601 TuTh.....4:00pm- 5:15pm (TLF 1104) STAFF
1602 TuTh.....4:00pm- 5:15pm (KEY 0103) STAFF

ENGL101A Introduction to Writing; Grade Method: REG; Students should take ENGL 101A rather than ENGL 101 if their TWSE score (a subscore of the SAT verbal) is 33 or below. 3 credits
1701 MWF.....9:00am- 9:50am (EGR 1110) STAFF
1702 MWF.....10:00am-10:50am (EGR 1110) STAFF
1703 MWF.....11:00am-11:50am (LEF 1210) STAFF
1706 TuTh.....9:30am-10:45am (JMZ 1123) STAFF
1707 TuTh.....11:00am-12:15pm (JRN 1101) STAFF
1708 TuTh.....12:30pm- 1:45pm (JMZ 0202) STAFF

ENGL101H Introduction to Writing; Grade Method: REG; 3 credits
0101 MWF.....10:00am-10:50am (TLF 0108) STAFF
0201 MWF.....1:00pm- 1:50pm (KEY 0123) STAFF
0301 TuTh.....9:30am-10:45am (WDS 1131) Peterson, W
0401 TuTh.....2:00pm- 3:15pm (COL 3114) STAFF

ENGL101X Introduction to Writing; Grade Method: (PermReq) REG; Limited to students for whom English is a second language. To register for ENGL 101X, a student must first demonstrate competence in English. Proof of one of the following should be brought to TLF 0139 (x4160) or PKT 1104 (x6545): 1. A TOEFL score of 550 with no sectional score below 50. 2. A CELT score of 220 with no subtest score below 60 and a rating of 5 or better on the writing sample. 3. Successful completion of UMEI 005: Advanced English as a Foreign Language, Semi-Intensive. 3 credits
2001 MWF.....9:00am- 9:50am (LEF 1210) STAFF
2004 MWF.....10:00am-10:50am (ARM 0103) STAFF
2005 MWF.....10:00am-10:50am (EGR 3102) STAFF
2006 MWF.....10:00am-10:50am (LEF 1210) STAFF
2010 TuTh.....9:30am-10:45am (JMZ 1211) STAFF
2013 TuTh.....11:00am-12:15pm (LEF 1210) STAFF

ENGL201 World Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....11:00am-11:50am (TLF 2126) Birdsall, E
0201 MWF.....1:00pm- 1:50pm (KEY 0121) Birdsall, E
0801 TuTh.....11:00am-12:15pm (TLF 1104) Wilson, G

ENGL202 World Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....11:00am-11:50am (TLF 0110) Demaree, C

ENGL205 Introduction to Shakespeare; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....9:00am- 9:50am (TLF 0102) STAFF
0201 MWF.....10:00am-10:50am (TLF 0110) Auchard, J
0301 MWF.....11:00am-11:50am (TLF 0103) Auchard, J
0401 MWF.....12:00pm-12:50pm (TLF 1102) Pringham, C
0601 MWF.....1:00pm- 1:50pm (TLF 1101) Pringham, C
0801 TuTh.....9:30am-10:45am (TLF 0103) STAFF
1001 TuTh.....11:00am-12:15pm (TLF 2126) STAFF
1101 TuTh.....12:30pm- 1:45pm (TLF 0103) STAFF
1201 TuTh.....2:00pm- 3:15pm (JMZ 1122) STAFF
1301 TuTh.....3:30pm- 4:45pm (TLF 1101) Cooper Jr., S

ENGL221 American Literature: Beginning to 1865; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....11:00am-11:50am (TLF 1101) Levine, R

ENGL222 American Literature: 1865 to Present; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....9:00am- 9:50am (TLF 0103) STAFF
0201 MWF.....11:00am-11:50am (KEY 0125) Van Egmond, P
0301 MWF.....12:00pm-12:50pm (TLF 1103) STAFF
0401 MWF.....1:00pm- 1:50pm (KEY 0116) STAFF
0601 TuTh.....12:30pm- 1:45pm (JMZ 2117) Caramello, C
0701 TuTh.....2:00pm- 3:15pm (JMZ 1120) Bennett, M

ENGL234 Introduction to Afro-American Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 TuTh.....9:30am-10:45am (KEY 0125) Joyce, J
0201 TuTh.....11:00am-12:15pm (KEY 0120) Joyce, J

ENGL240 Introduction to Literary Forms: Fiction, Poetry, Drama; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....9:00am- 9:50am (KEY 0120) Nickens, S
0201 MWF.....10:00am-10:50am (TLF 2110) Nickens, S
0301 MWF.....11:00am-11:50am (TLF 1104) STAFF
0601 TuTh.....11:00am-12:15pm (TLF 0102) Scott, J
1001 TuTh.....12:30pm- 1:45pm (KEY 0103) Kunzler, C
1101 TuTh.....2:00pm- 3:15pm (KEY 0116) Moore, T

ENGL241 Introduction to the Novel; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....10:00am-10:50am (KEY 0125) Peterson, C
0201 MWF.....11:00am-11:50am (TLF 2101) Peterson, C
0301 MWF.....1:00pm- 1:50pm (TLF 0103) STAFF
0401 TuTh.....9:30am-10:45am (TLF 0110) Moore, T
0501 TuTh.....11:00am-12:15pm (KEY 0119) Moore, T
0601 TuTh.....12:30pm- 1:45pm (ASY 3217) Salamanca, J
0701 TuTh.....2:00pm- 3:15pm (JMZ 2117) STAFF

ENGL243 Introduction to Poetry; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....10:00am-10:50am (WDS 1101) STAFF
0201 MWF.....1:00pm- 1:50pm (KEY 0120) Terchek, M
0501 TuTh.....12:30pm- 1:45pm (HBK 0113) STAFF

ENGL244 Introduction to Drama; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....9:00am- 9:50am (TLF 1101) STAFF
0201 TuTh.....12:30pm- 1:45pm (TLF 1104) Cooper Jr., S

0301 TuTh.....2:00pm- 3:15pm (TLF 0110) STAFF

ENGL246 The Short Story; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....8:00am- 8:50am (TLF 1101) Isaacs, N
0201 MWF.....9:00am- 9:50am (TLF 0110) STAFF
0301 MWF.....10:00am-10:50am (TLF 1103) STAFF
0401 MWF.....9:00am- 9:50am (TLF 2110) Townsend, B
0501 MWF.....10:00am-10:50am (WDS 1127) STAFF
0502 MWF.....10:00am-10:50am (TLF 0103) STAFF
0602 MWF.....11:00am-11:50am (ARC 1127) STAFF
0701 MWF.....12:00pm-12:50pm (TLF 0103) STAFF
0801 MWF.....12:00pm-12:50pm (TLF 2110) STAFF
0901 MWF.....1:00pm- 1:50pm (TLF 2101) STAFF
1001 MWF.....1:00pm- 1:50pm (KEY 0125) STAFF
1201 MWF.....2:00pm- 2:50pm (TLF 0110) STAFF
1301 MWF.....2:00pm- 2:50pm (TLF 1103) STAFF
1401 TuTh.....8:00am- 9:15am (TLF 0103) STAFF
1901 TuTh.....12:30pm- 1:45pm (ASY 3219) STAFF
2001 TuTh.....12:30pm- 1:45pm (HBK 1112) STAFF
2101 TuTh.....2:00pm- 3:15pm (TLF 0102) STAFF
2201 TuTh.....2:00pm- 3:15pm (TLF 0101) Christensen, C

ENGL247 Literature of Fantasy; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....9:00am- 9:50am (TLF 1102) Buhlig Jr., P
0201 MWF.....10:00am-10:50am (TLF 2101) Demaree, C
0301 MWF.....11:00am-11:50am (TLF 1102) STAFF
0401 MWF.....1:00pm- 1:50pm (TLF 1102) Demaree, C
0501 MWF.....2:00pm- 2:50pm (TLF 1102) STAFF
0601 TuTh.....9:30am-10:45am (WDS 1101) Smith, N

ENGL250 Women in Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0301 MWF.....12:00pm-12:50pm (KEY 0120) Townsend, B
0401 TuTh.....9:30am-10:45am (KEY 0120) STAFF
0501 TuTh.....11:00am-12:15pm (WDS 1131) STAFF

ENGL260 Introduction to Folklore; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....10:00am-10:50am (TLF 1104) Fry, G
0201 MWF.....11:00am-11:50am (TLF 1103) Fry, G
0301 TuTh.....11:00am-12:15pm (TLF 0103) Pearson, B
0401 TuTh.....2:00pm- 3:15pm (TLF 2101) Pearson, B

ENGL281 Standard English Grammar, Usage, and Diction; Grade Method: REG/P-F/AUD; 3 credits
0201 MWF.....12:00pm-12:50pm (TLF 0110) James, E
0301 TuTh.....11:00am-12:15pm (TYD 2140) Herman, H

ENGL291 Intermediate Writing; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (KEY 0123) STAFF

ENGL294 Introduction to Creative Writing; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (TLF 1104) STAFF
0201 MWF.....10:00am-10:50am (KEY 0120) Townsend, B
0301 MWF.....11:00am-11:50am (TLF 0108) STAFF
0401 MWF.....12:00pm-12:50pm (TLF 0108) STAFF
0601 TuTh.....9:30am-10:45am (TLF 0108) STAFF
0801 TuTh.....12:30pm- 1:45pm (KEY 0125) STAFF
0901 TuTh.....12:30pm- 1:45pm (JMZ 1104) STAFF

ENGL296 Beginning Fiction Workshop; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (TLF 1102) STAFF
0201 MWF.....12:00pm-12:50pm (TLF 2101) Leonardi, S
0301 TuTh.....11:00am-12:15pm (TYD 1136) Salamanca, J
0401 TuTh.....2:00pm- 3:15pm (TYD 1136) Scott, J

ENGL297 Beginning Poetry Workshop; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....2:00pm- 2:50pm (TLF 1104) Van Egmond, P
0201 TuTh.....9:30am-10:45am (TWS 2230) STAFF
0301 TuTh.....12:30pm- 1:45pm (TYD 1136) Collier, M

ENGL301 Critical Methods in the Study of Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 TuTh.....9:30am-10:45am (TLF 1101) Robinson, J
0201 TuTh.....12:30pm- 1:45pm (LEF 1220) Robinson, J

ENGL301H Critical Methods in the Study of (PermReq) Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; For general and departmental honors students. 3 credits
0101 TuTh.....9:30am-10:45am (EDU 0114) Wyatt, B

ENGL304 The Major Works of Shakespeare; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....9:00am- 9:50am (TLF 2101) STAFF
0201 MWF.....10:00am-10:50am (LEF 1222) Barry, J
0301 MWF.....1:00pm- 1:50pm (KEY 0126) Barry, J
0401 TuTh.....9:30am-10:45am (TLF 1102) Cooper Jr., S
0501 TuTh.....12:30pm- 1:45pm (TLF 0110) STAFF
0601 TuTh.....11:00am-12:15pm (TLF 0110) STAFF
0701 TuTh.....2:00pm- 3:15pm (TLF 2110) Dobin, H

ENGL310 Medieval and Renaissance British Literature; Grade Method: REG; 3 credits
0101 MWF.....9:00am- 9:50am (TLF 1103) Beauchamp, V
0201 MWF.....10:00am-10:50am (KEY 0119) Birdsall, E
0301 MWF.....11:00am-11:50am (TLF 0102) Moser, M
0401 MWF.....12:00pm-12:50pm (KEY 0125) STAFF
0501 MWF.....1:00pm- 1:50pm (TLF 0110) Moser, M
0601 TuTh.....9:30am-10:45am (TLF 1104) Cartwright, K
0701 TuTh.....11:00am-12:15pm (KEY 0123) Cartwright, K

ENGL310H Medieval and Renaissance British (PermReq) Literature; Grade Method: REG; For English honors students. 3 credits
0101 MWF.....11:00am-11:50am (LEF 1220) Hamilton, D

ENGL311 Baroque and Augustan British Literature; Grade Method: REG; 3 credits
0101 MWF.....9:00am- 9:50am (KEY 0124) Carretta, V
0201 MWF.....11:00am-11:50am (KEY 0121) Carretta, V
0301 MWF.....2:00pm- 2:50pm (KEY 0123) Trousdale, M
0401 MWF.....3:00pm- 3:50pm (KEY 0123) Pringham, C
0501 TuTh.....9:30am-10:45am (KEY 0117) Hammond, E
0601 TuTh.....11:00am-12:15pm (KEY 0117) Winton, C
0701 TuTh.....12:30pm- 1:45pm (KEY 0119) Hamilton, G
0801 TuTh.....2:00pm- 3:15pm (KEY 0123) Hamilton, G

ENGL312 Romantic to Modern British Literature; Grade Method: REG; 3 credits
0101 MWF.....10:00am-10:50am (KEY 0117) Leonardi, L
0201 MWF.....11:00am-11:50am (LEF 1221) Cate, G
0301 TuTh.....9:30am-10:45am (WDS 1127) Loizeaux, E
0401 TuTh.....11:00am-12:15pm (WDS 1127) David, D
0501 TuTh.....12:30pm- 1:45pm (KEY 0123) Holton, W
0601 TuTh.....2:00pm- 3:15pm (TLF 2126) Kleine, D
0701 TuTh.....3:30pm- 4:45pm (KEY 0117) Kleine, D
0801 TuTh.....2:00pm- 3:15pm (WDS 1127) Loizeaux, E

ENGL313 American Literature; Grade Method: REG; 3 credits
0101 MWF.....11:00am-11:50am (KEY 0120) Dunn, N
0201 MWF.....12:00pm-12:50pm (TLF 0102) Dunn, N
0301 MWF.....1:00pm- 1:50pm (TLF 0108) Auerbach, J
0401 MWF.....2:00pm- 2:50pm (KEY 0120) Auerbach, J
0501 MWF.....3:00pm- 3:50pm (KEY 0120) Levine, R
0601 TuTh.....12:30pm- 1:45pm (KEY 0120) Bennett, M
0701 TuTh.....2:00pm- 3:15pm (KEY 0120) Caramello, C

ENGL320 English Romantic Literature; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 TuTh.....12:30pm- 1:45pm (ASY 3221) Fraistat, N

ENGL345 Twentieth Century Poetry; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 TuTh.....11:00am-12:15pm (TLF 1103) Wyatt, B

ENGL348 Literary Works By Women; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (KEY 0103) Leonardi, S

ENGL361 Medieval Literary Modes and Modern Narrative; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (WDS 1131) Flieger, V

ENGL373 Honors Thesis; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 Th.....3:30pm- 5:30pm (TLF 3100) Fraistat, N
Time and room to be arranged DIS

ENGL378 Independent Research in English; Grade (PermReq) Method: REG/P-F/AUD; Individual Instruction course; contact department or instructor to obtain section number. 1-6 credits

ENGL379E Special Topics in Literature: Film Analysis - The Rhetoric of Fictional Worlds; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 M.....6:30pm-10:00pm (KEY 0106) Miller, J

ENGL379G Special Topics in Literature: Melodrama and Existential Crisis: Films of Hitchcock; Grade Method: REG; 3 credits
0101 W.....6:30pm-10:00pm (KEY 0106) Miller, J

ENGL379M Special Topics in Literature: Britain in the Age of Revolution, 1760-1820; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: two lower-level English courses. 3 credits
0101 MWF.....1:00pm- 1:50pm (KEY 0103) Carretta, V

ENGL379T Special Topics in Literature: On Argument; Grade Method: REG; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 TuTh.....2:00pm- 3:15pm (KEY 0125) Fahnestock, J

ENGL379V Special Topics in Literature: Modern Poetry and the Visual Arts; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: two lower level English courses. 3 credits
0101 Tu.....7:00pm- 9:45pm (TLF 1103) Loizeaux, E

ENGL379W Special Topics in Literature: Film Genre as Cultural Myth: The Detective and Western Film; Grade Method: REG; 3 credits
0101 Th.....6:30pm-10:00pm (KEY 0106) Miller, J

ENGL380 Internship; Grade Method: REG; 3-6 credits
(PermReq)
0101 Time and room to be arranged Christensen, C

ENGL381 MGA Legislative Seminar; Grade Method: (PermReq) REG; 3 credits
0101 W.....3:30pm- 5:30pm (TLF 2103) Terchek, M
Time and room to be arranged DIS

ENGL385 English Semantics; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: two lower division English courses. 3 credits
0101 TuTh.....2:00pm- 3:15pm (TLF 1102) Miller, M

ENGL391 Advanced Composition; Grade Method: REG; Before choosing a regular section of ENGL 391, students should check to see whether they are interested in a special version of this course by reading through those sections identified with a suffix A-Z to see if any apply to them. Prerequisite: ENGL 101 or equivalent and 56 credits (junior standing). 3 credits
0001 MWF.....8:00am- 8:50am (HBK 1112) STAFF
0101 MWF.....9:00am- 9:50am (KEY 0117) STAFF
0102 MWF.....9:00am- 9:50am (ASY 3215) STAFF
0103 MWF.....9:00am- 9:50am (HBK 0125) STAFF
0104 MWF.....9:00am- 9:50am (TLF 0108) STAFF
0201 MWF.....10:00am-10:50am (JRN 1103) STAFF
0202 MWF.....10:00am-10:50am (CHE 2116) STAFF
0203 MWF.....10:00am-10:50am (KEY 0124) STAFF
0204 MWF.....10:00am-10:50am (ARM 0104) STAFF
0301 MWF.....11:00am-11:50am (ARM 0118) STAFF
0302 MWF.....11:00am-11:50am (KEY 0117) STAFF
0303 MWF.....11:00am-11:50am (ARM 0105) STAFF
0304 MWF.....11:00am-11:50am (SYM 1308) STAFF
0401 MWF.....12:00pm-12:50pm (TLF 1104) STAFF
0402 MWF.....12:00pm-12:50pm (ARM 0105) STAFF
0403 MWF.....12:00pm-12:50pm (KEY 0124) STAFF
0404 MWF.....12:00pm-12:50pm (KEY 0121) STAFF
0501 MWF.....1:00pm- 1:50pm (ARM 0103) STAFF
0502 MWF.....1:00pm- 1:50pm (TLF 0102) STAFF
0503 MWF.....1:00pm- 1:50pm (ARM 0121) STAFF
0601 MWF.....2:00pm- 2:50pm (TLF 0102) Demaree, C
0602 MWF.....2:00pm- 2:50pm (ARM 0118) STAFF
0701 MWF.....3:00pm- 3:50pm (TLF 2108) STAFF
1002 TuTh.....8:00am- 9:15am (WDS 1127) STAFF
1101 TuTh.....9:30am-10:45am (TYD 1136) STAFF
1102 TuTh.....9:30am-10:45am (MTH 0301) STAFF
1103 TuTh.....9:30am-10:45am (JMP 2202) STAFF
1104 TuTh.....9:30am-10:45am (EGR 3111) STAFF
1201 TuTh.....11:00am-12:15pm (JMP 2202) STAFF

1202	TuTh.....11:00am-12:15pm (ARM 0101)	STAFF	
1204	TuTh.....11:00am-12:15pm (ARM 0104)	STAFF	
1301	TuTh.....12:30pm- 1:45pm (ARM 0104)	STAFF	
1302	TuTh.....12:30pm- 1:45pm (ARC 1125)	STAFF	
1303	TuTh.....12:30pm- 1:45pm (WDS 1127)	STAFF	
1304	TuTh.....12:30pm- 1:45pm (JRN 1103)	STAFF	
1401	TuTh.....2:00pm- 3:15pm (JMZ 0120)	STAFF	
1402	TuTh.....2:00pm- 3:15pm (KEY 0124)	STAFF	
1501	TuTh.....3:30pm- 4:45pm (WDS 1131)	STAFF	
1603	M.....6:00pm- 8:40pm (TLF 0110)	STAFF	
1604	W.....6:00pm- 8:40pm (TLF 1102)	STAFF	
1605	Th.....7:00pm- 9:40pm (KEY 0119)	STAFF	

ENGL391X Advanced Composition; Grade Method: REG; For students for whom English is a second language. Prerequisite: ENGL 101 or equivalent and 56 credits (junior standing). — 3 credits

0201	TuTh.....11:00am-12:15pm (JMZ 0202)	STAFF	

ENGL391Z Advanced Composition; Grade Method: REG; Involves computer-assisted instruction. Prerequisite: ENGL 101 or equivalent and 56 credits (junior standing). — 3 credits

0401	TuTh.....11:00am-12:15pm (JMZ 2102)	STAFF	

ENGL392 Advanced Composition: Pre-Law; Grade Method: REG; — 3 credits

0101	MWF.....11:00am-11:50am (HBK 1116)	STAFF	
0201	MWF.....1:00pm- 1:50pm (TLF 2103)	STAFF	
0301	TuTh.....12:30pm- 1:45pm (ARM 0120)	STAFF	
0401	Th.....7:00pm- 9:30pm (TLF 1102)	STAFF	

ENGL393 Technical Writing; Grade Method: REG; Before choosing a regular section of ENGL 393, students should check to see whether they are interested in a special version of this course by reading through those sections identified with a suffix A-Z to see if any apply to them. Prerequisite: ENGL 101 or equivalent and 56 credits (junior standing). — 3 credits

0001	MWF.....8:00am- 8:50am (WDS 0104)	STAFF	
0002	MWF.....8:00am- 8:50am (TLF 1103)	STAFF	
0101	MWF.....9:00am- 9:50am (WDS 0104)	STAFF	
0103	MWF.....9:00am- 9:50am (CHE 2118)	STAFF	
0104	MWF.....9:00am- 9:50am (KEY 0123)	STAFF	
0201	MWF.....10:00am-10:50am (WDS 1131)	STAFF	
0202	MWF.....10:00am-10:50am (CHE 2118)	STAFF	
0203	MWF.....10:00am-10:50am (HBK 0125)	STAFF	
0301	MWF.....11:00am-11:50am (EGR 3114)	STAFF	
0302	MWF.....11:00am-11:50am (SYM 2109)	STAFF	
0303	MWF.....11:00am-11:50am (HBK 1108)	STAFF	
0401	MWF.....12:00pm-12:50pm (SYM 2109)	STAFF	
0402	MWF.....12:00pm-12:50pm (EGR 3114)	STAFF	
0403	MWF.....12:00pm-12:50pm (ARM 0104)	STAFF	
0404	MWF.....12:00pm-12:50pm (HBK 1116)	STAFF	
0405	MWF.....12:00pm-12:50pm (JRN 1103)	STAFF	
0501	MWF.....1:00pm- 1:50pm (HBK 1118)	STAFF	
0502	MWF.....1:00pm- 1:50pm (TLF 1103)	STAFF	
0503	MWF.....1:00pm- 1:50pm (ARM 0118)	STAFF	
0601	MWF.....2:00pm- 2:50pm (TLF 2103)	STAFF	
0602	MWF.....2:00pm- 2:50pm (ARM 0121)	STAFF	
0701	MWF.....3:00pm- 3:50pm (ARM 0121)	STAFF	
0702	MWF.....3:00pm- 3:50pm (TLF 1104)	STAFF	
1001	TuTh.....8:00am- 9:15am (JMZ 1104)	STAFF	
1002	TuTh.....8:00am- 9:15am (TLF 0108)	STAFF	
1101	TuTh.....9:30am-10:45am (HBK 0125)	STAFF	
1102	TuTh.....9:30am-10:45am (ASY 3217)	STAFF	
1103	TuTh.....9:30am-10:45am (ARM 0103)	STAFF	
1104	TuTh.....9:30am-10:45am (ARM 0101)	STAFF	
1201	TuTh.....11:00am-12:15pm (ARM 0121)	STAFF	
1202	TuTh.....11:00am-12:15pm (EGR 1102)	STAFF	
1203	TuTh.....11:00am-12:15pm (EGR 0102)	STAFF	
1301	TuTh.....12:30pm- 1:45pm (WDS 1101)	STAFF	
1302	TuTh.....12:30pm- 1:45pm (EGR 0104)	STAFF	
1303	TuTh.....12:30pm- 1:45pm (HBK 0125)	STAFF	
1304	TuTh.....12:30pm- 1:45pm (EGR 0102)	STAFF	
1305	TuTh.....12:30pm- 1:45pm (TYD 2100)	STAFF	
1401	TuTh.....2:00pm- 3:15pm (JRN 1103)	STAFF	
1402	TuTh.....2:00pm- 3:15pm (JMZ 1224)	STAFF	
1501	TuTh.....3:30pm- 4:45pm (TLF 0110)	STAFF	
1502	TuTh.....3:30pm- 4:45pm (JRN 1103)	STAFF	
1602	Tu.....6:00pm- 8:40pm (TLF 0102)	STAFF	
1603	W.....6:00pm- 8:40pm (TLF 0102)	STAFF	
1604	Tu.....6:00pm- 8:40pm (TLF 1104)	STAFF	
1605	M.....6:00pm- 8:40pm (TLF 0103)	STAFF	
1606	Tu.....6:00pm- 8:40pm (TLF 0110)	STAFF	
1607	W.....6:00pm- 8:40pm (TLF 1103)	STAFF	
1608	Th.....6:00pm- 8:40pm (TLF 1103)	STAFF	

ENGL393X Technical Writing; Grade Method: REG; For students for whom English is a second language. Prerequisite: ENGL 101 or equivalent and 56 credits (junior standing). — 3 credits

0101	MWF.....11:00am-11:50am (EGR 0102)	STAFF	
0201	MWF.....1:00pm- 1:50pm (JRN 1101)	STAFF	
0301	TuTh.....8:00am- 9:15am (HBK 0125)	STAFF	
0302	TuTh.....9:30am-10:45am (JRN 1101)	STAFF	
0401	TuTh.....11:00am-12:15pm (EGR 2102)	STAFF	
0501	TuTh.....12:30pm- 1:45pm (JRN 1101)	STAFF	

ENGL393Z Technical Writing; Grade Method: REG; Involves computer-assisted instruction. Prerequisite: ENGL 101 or equivalent and 56 credits (junior standing). — 3 credits

0101	TuTh.....9:30am-10:45am (ZOP 1234)	STAFF	
0601	TuTh.....11:00am-12:15pm (ARM 0108)	STAFF	

ENGL394 Business Writing; Grade Method: REG; — 3 credits

0101	MWF.....9:00am- 9:50am (KEY 0125)	STAFF	
0201	MWF.....10:00am-10:50am (KEY 0123)	STAFF	
0301	MWF.....11:00am-11:50am (WDS 1127)	STAFF	
0401	MWF.....12:00pm-12:50pm (KEY 0123)	STAFF	
0501	MWF.....1:00pm- 1:50pm (KEY 0119)	STAFF	
0701	TuTh.....9:30am-10:45am (HBK 1108)	STAFF	
0801	TuTh.....11:00am-12:15pm (KEY 0124)	STAFF	
0901	TuTh.....12:30pm- 1:45pm (LEF 1210)	STAFF	
1001	TuTh.....2:00pm- 3:15pm (JMZ 2123)	STAFF	
1201	Tu.....6:00pm- 8:45pm (TLF 1102)	STAFF	

ENGL396 Intermediate Fiction Workshop; Grade Method: REG/P-F/AUD; — 3 credits (PermReq)

0101	TuTh.....2:00pm- 3:15pm (KEY 0117)	Cross, R	

ENGL397 Intermediate Poetry Workshop; Grade Method: REG/P-F/AUD; — 3 credits (PermReq)

0101	TuTh.....2:00pm- 3:15pm (TYD 2100)	Jellema, R	

ENGL399B Senior Seminar: Magical Realism in Fiction; Grade Method: REG; — 3 credits (PermReq)

0101	TuTh.....12:30pm- 1:45pm (TLF 2101)	Kornblatt, J	

ENGL399E Senior Seminar: Classical Mythology and English Literature; Grade Method: REG; — 3 credits (PermReq)

0101	TuTh.....12:30pm- 1:45pm (TLF 2137)	Coogan, R	

ENGL399H Senior Seminar: Commonwealth Literature; Grade Method: REG; — 3 credits (PermReq)

0101	TuTh.....11:00am-12:15pm (TLF 0108)	Russell, J	

ENGL399Y Senior Seminar: Modern Poets and the Vision of the Good; Grade Method: REG; — 3 credits (PermReq)

0101	TuTh.....12:30pm- 1:45pm (JMZ 3120)	Cross, R	

ENGL402 Chaucer; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....10:00am-10:50am (TLF 0102)	Moser, M	
0201	MWF.....2:00pm- 2:50pm (TLF 0108)	Rutherford, C	

ENGL403 Shakespeare; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....10:00am-10:50am (TLF 2103)	Hamilton, G	
0201	TuTh.....2:00pm- 3:15pm (TLF 1104)	Cartwright, K	
0301	TuTh.....11:00am-12:15pm (TLF 1101)	Dobin, H	

ENGL404 Shakespeare; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....9:30am-10:45am (JMZ 2206)	Dobin, H	

ENGL412 Literature of the Seventeenth Century, 1600-1660; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: completion of two literature courses. — 3 credits

0101	TuTh.....8:00am- 9:15am (KEY 0121)	Wilson, G	
0201	TuTh.....9:30am-10:45am (TLF 0102)	Wilson, G	

ENGL414 Milton; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....2:00pm- 3:15pm (TLF 1103)	Freedman, M	

ENGL419A Major British Writers: Dickens; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....12:30pm- 1:45pm (TLF 2126)	David, D	

ENGL422 Literature of the Victorian Period; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....12:00pm-12:50pm (KEY 0117)	Cate, G	

ENGL425 Modern British Literature; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....12:30pm- 1:45pm (TLF 0102)	Russell, J	

ENGL430 American Literature, Beginning to 1810, the Colonial and Federal Periods; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....10:00am-10:50am (LEF 1208)	Vitzthum, R	

ENGL431 American Literature, 1810 to 1865, the American Renaissance; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....1:00pm- 1:50pm (TLF 1104)	Levine, R	

ENGL432 American Literature, 1865 to 1914, Realism and Naturalism; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits

0101	MWF.....2:00pm- 2:50pm (TLF 2126)	Dunn, N	
0201	TuTh.....11:00am-12:15pm (TLF 1102)	Lawson, L	

ENGL433 American Literature, 1914 to the Present, the Modern Period; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....12:00pm-12:50pm (TLF 1101)	Van Egmond, P	

ENGL434 American Drama; Grade Method: REG/P-F/AUD; — 3 credits

0201	TuTh.....11:00am-12:15pm (KEY 0125)	Bryer, J	

ENGL437 Contemporary American Literature; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....2:00pm- 3:15pm (TLF 0103)	Wyatt, B	

ENGL438A Major American Writers: Hawthorne and Poe; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....9:30am-10:45am (TLF 2103)	Bennett, M	

ENGL440 The Novel in America to 1910; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....2:00pm- 3:15pm (JMZ 3205)	Auchard, J	

ENGL441 The Novel in America Since 1910; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....12:30pm- 1:45pm (TLF 1102)	Lawson, L	

ENGL445 Modern British and American Poetry; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....11:00am-12:15pm (TLF 2110)	Holton, W	

ENGL446 Contemporary British and American Poetry; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....11:00am-12:15pm (TLF 2101)	Jellema, R	

ENGL454 Modern Drama; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....4:00pm- 5:15pm (KEY 0125)	Freedman, M	

ENGL456 The English Novel; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....12:30pm- 1:45pm (ZOP 2283)	Peterson, W	

ENGL462 Folksong and Ballad; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101	TuTh.....9:30am-10:45am (TLF 1103)	Pearson, B	

ENGL463 American Folklore; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....1:00pm- 1:50pm (TLF 2110)	Fry, G	

ENGL466 Arthurian Legend; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....2:00pm- 3:15pm (TLF 1101)	Herman, H	

ENGL477 Studies in Mythmaking; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits

0101	MWF.....2:00pm- 2:50pm (TLF 1101)	Flieger, V	

ENGL479R Selected Topics in English and American Literature After 1800: Readers, Writers, and Rhetorics; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits

0101	TuTh.....9:30am-10:45am (LEF 1201)	Grant-Davie, K	

ENGL489A Special Topics in English Language: The Language of Advertising; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits

0101	TuTh.....3:30pm- 4:45pm (TLF 2101)	Coleman, L	
0201	MWF.....10:00am-10:50am (TLF 1101)	James, E	
0301	MWF.....2:00pm- 2:50pm (TLF 0103)	James, E	

ENGL489C Special Topics in English Language: The Language of the Law; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits

0101	TuTh.....12:30pm- 1:45pm (TLF 1103)	Miller, M	

ENGL493 Advanced Expository Writing; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....1:00pm- 1:50pm (KEY 0117)	Townsend, B	
0201	TuTh.....9:30am-10:45am (KEY 0123)	DiPaolo, T	

ENGL601 Bibliography and Methods; Grade Method: REG/AUD; — 3 credits

0101	M.....6:00pm- 8:00pm (TLF 0135) Time and room to be arranged	Auerbach, J	
0201	W.....7:00pm- 9:00pm (TLF 0135) Time and room to be arranged	Howard, J	
0301	Th.....4:00pm- 6:00pm (TLF 2137) Time and room to be arranged	Marcuse, M	

ENGL607 Readings in the History of Rhetorical Theory to 1900; Grade Method: REG/AUD; — 3 credits (PermReq)

0101	Tu.....7:00pm- 9:00pm (TLF 2137) Time and room to be arranged DIS	Coogan, R	

ENGL611 Approaches to College Composition; Grade Method: REG/AUD; — 3 credits

0101	W.....6:30pm- 8:30pm (KEY 0120) Time and room to be arranged DIS	STAFF	

ENGL612 Approaches to Professional and Technical Writing; Grade Method: REG/AUD; — 3 credits

0101	M.....7:00pm- 9:00pm (TLF 0108) Time and room to be arranged DIS	Marcuse, M	

ENGL620 Readings in Medieval English Literature; Grade Method: REG/AUD; — 3 credits

0101	W.....4:00pm- 6:00pm (TLF 0103) Time and room to be arranged	Coletti, T	

ENGL622 Readings in Seventeenth-Century English Literature; Grade Method: REG/AUD; — 3 credits

0101	Tu.....7:00pm- 9:00pm (TLF 0108) Time and room to be arranged DIS	Hamilton, G	

ENGL624 Readings in English Romantic Literature; Grade Method: REG/AUD; — 3 credits

0101	Tu.....4:00pm- 6:00pm (TLF 2103) Time and room to be arranged DIS	Fraistat, N	

ENGL627 Readings in American Literature, 1865-1914; Grade Method: REG/AUD; — 3 credits (PermReq)

0101	Th.....4:00pm- 6:00pm (TLF 1103) Time and room to be arranged DIS	Caramello, C	

ENGL630 Readings in 20th Century English Literature; Grade Method: REG/AUD; — 3 credits

0101	Th.....4:00pm- 6:30pm (KEY 0120)	Kleine, D	

ENGL680 Poetry Workshop; Grade Method: REG/AUD; — 3 credits (PermReq)

0101	Tu.....4:00pm- 6:30pm (KEY 0124)	Collier, M	
0201	Th.....4:00pm- 6:30pm (TLF 0108)	Plumly, S	

ENGL681 Fiction Workshop; Grade Method: REG/AUD; — 3 credits (PermReq)

0101	Th.....4:00pm- 6:30pm (TLF 0103)	Kornblatt, J	
0201	Th.....7:00pm- 9:30pm (TLF 0102)	Scott, J	

ENGL699 Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits (PermReq)

ENGL719A Seminar in Renaissance Literature: Elizabethan Stage; Grade Method: REG/AUD; — 3 credits (PermReq)

0101	M.....4:00pm- 6:00pm (TLF 2137) Time and room to be arranged DIS	Trousdale, M	

ENGL729 Seminar in Eighteenth-Century Literature: The Scriblerians; Grade Method: REG/AUD; — 3 credits (PermReq)

0101	Th.....4:00pm- 6:00pm (TLF 0102) Time and room to be arranged DIS	Winton, C	

ENGL739 Seminar in Nineteenth-Century Literature; Grade Method: REG/AUD; — 3 credits (PermReq)

0101	M.....7:00pm- 9:00pm (TLF 2137) Time and room to be arranged DIS	Cate, G	

ENGL748 Seminar in American Literature: Fitzgerald and Hemingway; Grade Method: REG/AUD; — 3 credits (PermReq)

0101	Tu.....7:00pm- 9:00pm (TLF 0135) Time and room to be arranged DIS	Bryer, J	

ENGL748B Seminar in American Literature; Grade Method: REG/AUD; — 3 credits (PermReq)

0101	W.....7:00pm- 9:00pm (TLF 0108) Time and room to be arranged DIS	Vitzthum, R	

ENGL749 Studies in Twentieth-Century Literature: Conrad, Forster and Lawrence; Grade Method: REG/AUD; — 3 credits (PermReq)

0101	W.....7:00pm- 9:00pm (TLF 3100) Time and room to be arranged DIS	Panichas, G	

ENGL749A Studies in Twentieth-Century Literature: Modernism; Grade Method: REG/AUD; — 3 credits (PermReq)

0101	Tu.....4:00pm- 6:00pm (TLF 3100) Time and room to be arranged DIS	Holton, W	

ENGL758 Literary Criticism: Narrative Theory; Grade Method: REG/AUD; — 3 credits (PermReq)

0101	W.....6:00pm- 8:00pm (TLF 2137) Time and room to be arranged DIS	Barry, J	

ENGL780 Form and Theory of Poetry; Grade Method: REG; — 3 credits (PermReq)

0101	Tu.....4:00pm- 6:30pm (TLF 2126)	Plumly, S	

ENGL788 Studies in the English Language: Linguisitic Approaches to Literature; Grade Method: REG/AUD; — 3 credits (PermReq)

0101	Th.....7:00pm- 9:00pm (TLF 0108) Time and room to be arranged DIS	Coleman, L	

ENGL799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits (PermReq)

ENGL899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits (PermReq)

ENMA Engineering, Materials (Engineering)

ENMA462 Deformation of Engineering Materials; Grade Method: REG/P-F/AUD; — 3 credits (PermReq)

0101	MW.....1:00pm- 2:15pm (EGR 0104)	Ankem, S	

ENMA463 Chemical, Liquid and Powder Processing of Engineering Materials; Grade Method: REG/P-F/AUD; — 3 credits (PermReq)

0101	Time and room to be arranged	STAFF	

ENMA470 Structure and Properties of Engineering Materials; Grade Method: REG/P-F/AUD; — 3 credits (PermReq)

0101	Time and room to be arranged	STAFF	

ENMA650 Structure of Engineering Materials; Grade Method: REG/AUD; — 3 credits (PermReq)

0101	TuTh.....7:30pm- 8:45pm (CHE 2116)	Wuttig, M	

ENMA660 Chemical Physics of Engineering Materials; Grade Method: REG/AUD; — 3 credits (PermReq)

0101	TuTh.....6:00pm- 7:15pm (CHE 2116)	Ankem, S	

ENMA681 Diffraction Techniques in Materials Science; Grade Method: REG/AUD; — 3 credits

0101	MW.....5:00pm- 6:15pm (Arranged)	Salamanca-Young	

ENMA698 Special Problems in Engineering Materials; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Advanced students require department authorization. — 1-16 credits (PermReq)

ENMA799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits (PermReq)

ENMA899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits (PermReq)

ENME Engineering, Mechanical (Engineering)

ENME201 Mechanical Engineering Project; Grade Method: S-F; — 1 credit (PermReq)

0101	M.....12:00pm-12:50pm (EGR 1104) Time and room to be arranged LAB	STAFF	

ENME205 Engineering Analysis and Computer Programming; Grade Method: REG/P-F/AUD; — 3 credits (PermReq)

0101	MW.....9:00am- 9:50am (EGR 1202)	STAFF	
	W.....1:00pm- 3:00pm (EGR 3110)	DIS	
0102	MW.....9:00am- 9:50am (EGR 1202)	STAFF	
	Th.....11:00am- 1:00pm (EGR 3110)	DIS	
0103	MW.....9:00am- 9:50am (EGR 1202)	STAFF	
	Th.....1:00pm- 3:00pm (EGR 3108)	DIS	

ENME217 Thermodynamics; Grade Method: REG/P-F/AUD; — 3 credits (PermReq)

0101	MW.....10:00am-10:50am (EGR 1202)	STAFF	
	M.....1:00pm- 3:00pm (EGR 3108)	DIS	
0102	MW.....10:00am-10:50am (EGR 1202)	STAFF	
	Tu.....11:00am- 1:00pm (EGR 1108)	DIS	
0103	MW.....10:00am-10:50am (EGR 1202)	STAFF	
	Tu.....1:00pm- 3:00pm (EGR 3108)	DIS	
0104	MW.....10:00am-10:50am (EGR 1202)	STAFF	
	W.....1:00pm- 3:00pm (EGR 3108)	DIS	
0105	MW.....10:00am-10:50am (EGR 1202)	STAFF	
	Th.....11:00am- 1:00pm (EGR 2112)	DIS	

ENME310 Mechanics of Deformable Solids; Grade Method: REG/P-F/AUD; — 3 credits (PermReq)

0101	MWF.....9:00am- 9:50am (EGR 1108)	STAFF	
0201	MWF.....10:00am-10:50am (CHM 0127)	STAFF	
0301	MWF.....11:00am-11:50am (EGR 0110)	STAFF	

ENME311 Mechanics of Deformable Solids Laboratory; Grade Method: REG/P-F/AUD; — 1 credit (PermReq)

0101	W.....12:00pm-12:50pm (CHE 2108)	STAFF	
	M.....1:00pm- 3:00pm (EGL 0102)	LAB	
0201	W.....12:00pm-12:50pm (CHE 2108)	STAFF	
	Tu.....1:00pm- 3:00pm (EGL 0102)	LAB	
0301	W.....12:00pm-12:50pm (CHE 2108)	STAFF	
	W.....1:00pm- 3:00pm (EGL 0102)	LAB	
0401	W.....12:00pm-12:50pm (CHE 2108)	STAFF	
	Th.....1:00pm- 3:00pm (EGL 0102)	LAB	
0501	W.....12:00pm-12:50pm (CHE 2108)	STAFF	
	F.....1:00pm- 3:00pm (EGL 0102)	LAB	

ENME315 Intermediate Thermodynamics; Grade Method: REG/P-F/AUD; — 3 credits (PermReq)

0101	MWF.....9:00am- 9:50am (EGR 0110)	STAFF	
0201	MWF.....10:00am-10:50am (EGR 1108)	STAFF	
0301	MWF.....11:00am-11:50am (EGR 1104)	STAFF	

ENME320 Thermodynamics; Grade Method: REG/P-F/AUD; — 3 credits (PermReq)

0101	MWF.....9:00am- 9:50am (EGR 0108)	STAFF	
0201	MWF.....10:00am-10:50am (EGR 3110)	STAFF	

ENME321 Transfer Processes; Grade Method: REG/P-F/AUD; — 3 credits (PermReq)

0101	TuTh.....9:30am-10:45am (ARM 0119)	STAFF	
0201	MWF.....10:00am-10:50am (EGR 2154)	STAFF	
0301	MWF.....11:00am-11:50am (EGR 3110)	STAFF	

ENME342 Fluid Mechanics I; Grade Method: REG/P-F/AUD; — 3 credits (PermReq)

0101	TuTh.....9:30am-10:45am (EGR 1120)	STAFF	
0201	TuTh.....9:30am-10:45am (EGR 1104)	STAFF	
0301	TuTh.....11:00am-12:15pm (EGR 0135)	STAFF	

ENME343 Fluid Mechanics Laboratory; Grade Method: REG/P-F/AUD; — 1 credit (PermReq)

0101	M.....12:00pm-12:50pm (CHE 2108)	STAFF	
	M.....1:00pm- 3:00pm (EGL B0110)	LAB	
0201	M.....12:00pm-12:50pm (CHE 2108)	STAFF	
	Tu.....1:00pm- 3:00pm (EGL B0110)	LAB	
0301	M.....12:00pm-12:50pm (CHE 2108)	STAFF	
	W.....1:00pm- 3:00pm (EGL B0110)	LAB	
0401	M.....12:00pm-12:50pm (CHE 2108)	STAFF	
	Th.....1:00pm- 3:00pm (EGL B0110)	LAB	
0501	M.....12:00pm-12:50pm (CHE 2108)	STAFF	
	F.....1:00pm- 3:00pm (EGL B0110)	LAB	

ENME360 Dynamics of Machinery; Grade Method: REG/P-F/AUD; — 3 credits (PermReq)

0101	TuTh.....8:00am- 9:15am (EGR 3110)	STAFF	
0201	TuTh.....9:30am-10:45am (EGR 1106)	STAFF	
0301	TuTh.....11:00am-12:15pm (EGR 1104)	STAFF	

ENME381 Measurements Laboratory; Grade Method: REG/P-F/AUD; — 3 credits (PermReq)

0101	TuTh.....11:00am-11:50am (EGR 1202)	STAFF	
	M.....12:30pm- 3:30pm (EGL 1187)	LAB	
0102	TuTh.....11:00am-11:50am (EGR 1202)	STAFF	
	Tu.....12:30pm- 3:30pm (EGL 1187)	LAB	
0103	TuTh.....11:00am-11:50am (EGR 1202)	STAFF	
	W.....12:30pm- 3:30pm (EGL 1187)	LAB	

0104 TuTh.....11:00am-11:50am (EGR 1202) STAFF
Th.....12:30pm- 3:30pm (EGL 1187) LAB
0105 TuTh.....11:00am-11:50am (EGR 1202) STAFF
F.....12:30pm- 3:30pm (EGL 1187) LAB

ENME400 Machine Design; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 TuTh.....8:00am- 9:15am (EGR 1120) STAFF
0201 TuTh.....9:30am-10:45am (EGR 3110) STAFF
0301 MWF.....1:00pm- 1:50pm (EGR 2112) STAFF

ENME401 The Structure and Properties of 3 credits
(PermReq) Engineering Materials; Grade Method: REG/P-F/AUD;
0101 TuTh.....11:00am-12:15pm (EGR 2154) STAFF
0201 MWF.....10:00am-10:50am (EGR 1104) STAFF
0301 MWF.....11:00am-11:50am (CHM 0122) STAFF

ENME402 Selected Topics in Engineering Design; 3 credits
(PermReq) Grade Method: REG/P-F/AUD; Design technical elective. Permission of instructor required.
0101 MW.....3:30pm- 4:45pm (EGR 1104) STAFF

ENME403 Automatic Controls; Grade Method: 3 credits
(PermReq) REG/P-F/AUD;
0101 TuTh.....11:00am-12:15pm (EGR 0110) STAFF
0201 MWF.....9:00am- 9:50am (EGR 1106) STAFF
0301 MWF.....10:00am-10:50am (CHM 0115) STAFF

ENME404 Mechanical Engineering Systems Design; 4 credits
(PermReq) Grade Method: REG/P-F/AUD; Limited to December graduates.
0101 TuTh.....11:00am-11:50am (CHE 2110) STAFF
TuTh.....12:30pm- 3:30pm (CHE 2108) DIS

ENME405 Energy Conversion Design; Grade Method: 3 credits
(PermReq) REG/P-F/AUD;
0101 TuTh.....9:30am-10:45am (EGR 2154) STAFF
0201 MWF.....11:00am-11:50am (EGR 1120) STAFF

ENME411 Introduction to Industrial Engineering; 3 credits
(PermReq) Grade Method: REG/P-F/AUD;
0101 MWF.....8:00am- 8:50am (EGR 1126) STAFF

ENME414 Computer-Aided Design; Grade Method: 3 credits
(PermReq) REG/P-F/AUD; Design technical elective. Permission of instructor required.
0101 MWF.....11:00am-11:50am (EGL 1101) STAFF

ENME415 Engineering Applications of Solar Energy; 3 credits
(PermReq) Grade Method: REG/P-F/AUD; Design technical elective
0101 TuTh.....9:30am-10:45am (EGR 1102) STAFF

ENME442 Fluid Mechanics II; Grade Method: 3 credits
(PermReq) REG/P-F/AUD;
0101 MWF.....9:00am- 9:50am (EGR 2112) STAFF

ENME464 Machine Design II; Grade Method: 3 credits
(PermReq) REG/P-F/AUD; Design technical elective.
0101 MWF.....10:00am-10:50am (EGR 2112) STAFF

ENME480 Engineering Experimentation; Grade Method: 3 credits
(PermReq) REG/P-F/AUD; Limited to December graduates.
0101 M.....12:00pm-12:50pm (EGR 1202) STAFF
MW.....1:00pm- 3:30pm (EGR 1202) LAB

ENME488 Special Problems; Grade Method: 3 credits
(PermReq) REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Limited to mechanical engineering seniors.

ENME489 Special Topics in Mechanical Engineering; 3 credits
(PermReq) Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.

ENME489I Special Topics in Mechanical Engineering: 3 credits
(PermReq) Internal Combustion Engines; Grade Method: REG/P-F/AUD;
0101 TuTh.....8:00am- 9:15am (EGR 2154) STAFF

ENME489R Special Topics in Mechanical Engineering: 3 credits
(PermReq) Robotics in Engineering; Grade Method: REG/P-F/AUD; Design technical elective.
0101 TuTh.....3:30pm- 4:45pm (EGR 3110) STAFF

ENME489S Special Topics in Mechanical Engineering: 3 credits
(PermReq) Introduction to Experimental Stress Analysis; Grade Method: REG/P-F/AUD;

0101 TuTh.....3:30pm- 4:45pm (EGR 3108) STAFF

ENME601 Embedded Microprocessor Design; Grade 3 credits
(PermReq) Method: REG/AUD;
0101 TuTh.....5:00pm- 6:15pm (EGR 0108) STAFF

ENME605 Advanced Systems Control; Grade Method: 3 credits
(PermReq) REG/AUD;
0101 TuTh.....3:30pm- 4:45pm (EGR 3140) STAFF

ENME607 Systems Integration and Simulation; Grade 3 credits
(PermReq) Method: REG/AUD;
0101 TuTh.....6:30pm- 7:45pm (EGR 2154) STAFF

ENME614 Advanced Production Control Techniques; 3 credits
(PermReq) Grade Method: REG/AUD;
0101 MW.....5:00pm- 6:15pm (EGR 0135) STAFF

ENME622 Energy Conversion: Solid-State; Grade 3 credits
(PermReq) Method: REG/AUD;
0101 MW.....3:30pm- 4:45pm (EGR 2112) STAFF

ENME631 Advanced Conduction and Radiation Heat 3 credits
(PermReq) Transfer; Grade Method: REG/AUD;
0101 MW.....5:00pm- 6:15pm (EGR 1104) STAFF

ENME651 Fundamentals of Fluid Mechanics I; Grade 3 credits
(PermReq) Method: REG/AUD;
0101 TuTh.....5:00pm- 6:15pm (EGR 1120) STAFF

ENME654 Topics in Compressible Flow; Grade Method: 3 credits
(PermReq) REG/AUD;
0101 MW.....3:30pm- 4:45pm (EGR 3108) STAFF

ENME665 Advanced Topics in Vibrations; Grade 3 credits
(PermReq) Method: REG/AUD;
0101 MW.....3:30pm- 4:45pm (EGR 3110) STAFF

ENME677 Applied Elasticity; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 TuTh.....6:30pm- 7:45pm (EGR 3140) STAFF

ENME680 Experimental Mechanics; Grade Method: 3 credits
(PermReq) REG/AUD;
0101 TuTh.....3:30pm- 4:45pm (EGR 3108) STAFF

ENME700 Advanced Mechanical Engineering Analysis 3 credits
(PermReq) I; Grade Method: REG/AUD;
0101 MW.....6:30pm- 7:45pm (EGR 1202) STAFF

ENME788 Seminar: Mechanical Engineering Seminar; 1 credit
(PermReq) Grade Method: REG/AUD;
0101 Time and room to be arranged STAFF

ENME799 Master's Thesis Research; Grade Method: 1-6 credits
(PermReq) REG; Individual Instruction course: contact department or instructor to obtain section number.

ENME808 Advanced Topics in Mechanical Engineering; 3 credits
(PermReq) Grade Method: REG/AUD;
0101 Time and room to be arranged STAFF

ENME808B Advanced Topics in Mechanical Engineering: 3 credits
(PermReq) Turbulence; Grade Method: REG/AUD;
0101 MW.....5:00pm- 6:15pm (EGR 1106) STAFF

ENME808N Advanced Topics in Mechanical Engineering: 3 credits
(PermReq) Numerical Methods in Heat Transfer; Grade Method: REG/AUD;
0101 MW.....6:30pm- 7:45pm (EGR 1120) STAFF

ENME808Y Advanced Topics in Mechanical Engineering: 3 credits
(PermReq) Energy Systems Analysis; Grade Method: REG/AUD;
0101 TuTh.....3:30pm- 4:45pm (EGR 1120) STAFF

ENME899 Doctoral Dissertation Research; Grade 1-8 credits
(PermReq) Method: REG; Individual Instruction course: contact department or instructor to obtain section number.

ENNU Engineering, Nuclear (Engineering)

ENNU310 Environmental Aspects of Nuclear 3 credits
(PermReq) Engineering; Grade Method: REG/P-F/AUD;
0101 TuTh.....9:30am-10:45am (CHE 2108) Duffey, D

ENNU430 Radioisotope Power Sources; Grade Method: 3 credits
(PermReq) REG/P-F/AUD;
0101 M.....6:45pm- 9:15pm (CHE 2116) Duffey, D

ENNU440 Nuclear Technology Laboratory; Grade 3 credits
(PermReq) Method: REG/P-F/AUD;
0101 Tu.....1:00pm- 3:00pm (CHE 2140) Pertmer, G
Th.....1:00pm- 5:00pm (CHE 1308) LAB
Th.....1:00pm- 5:00pm (CHE 2302) DIS

ENNU450 Nuclear Reactor Engineering I; Grade 3 credits
(PermReq) Method: REG/P-F/AUD;
0101 TuTh.....9:30am-10:45am (CHE 2118) Almenas, K

ENNU461 Chemical Separation in the Nuclear Cycle 3 credits
(PermReq) Reactor Fuel; Grade Method: REG/P-F/AUD;
0101 MWF.....10:00am-10:50am (CHE 2140) Duffey, D

ENNU468 Research; Grade Method: REG/P-F/AUD; 2-3 credits
(PermReq) Individual Instruction course: contact department or instructor to obtain section number.

ENNU480 Reactor Core Design; Grade Method: 3 credits
(PermReq) REG/P-F/AUD;
0101 MW.....4:30pm- 5:45pm (CHE 2140) STAFF

ENNU609 Seminar in Nuclear Engineering; Grade 1 credit
(PermReq) Method: REG/AUD;
0101 Tu.....11:00am-11:50am (CHE 2145) Modarres, M

ENNU620 Methods of Engineering Analysis; Grade 3 credits
(PermReq) Method: REG/AUD;
0101 TuTh.....5:00pm- 6:15pm (CHE 2140) STAFF

ENNU640 Nuclear Reactor Physics II; Grade Method: 3 credits
(PermReq) REG/AUD;
0101 TuTh.....5:00pm- 6:15pm (CHE 2118) Pertmer, G

ENNU648E Special Problems in Nuclear Engineering: 3 credits
(PermReq) Electronic Component Failure Analysis; Grade Method: REG;
0101 Tu.....6:30pm- 9:00pm (CHE 2145) Roush, M

ENNU648F Special Problems in Nuclear Engineering: 3 credits
(PermReq) Human Reliability Analysis; Grade Method: REG;
0101 Th.....6:30pm- 9:00pm (ITV 1100) Hunt, N

ENNU720 Neutral Particle Transport Theory; Grade 3 credits
(PermReq) Method: REG/AUD;
0101 Time and room to be arranged Munno, F

ENNU799 Master's Thesis Research; Grade Method: 1-6 credits
(PermReq) REG; Individual Instruction course: contact department or instructor to obtain section number.

ENNU840 Nuclear Reactor Design; Grade Method: 3 credits
(PermReq) REG/AUD;
0101 MW.....12:00pm- 1:15pm (CHE 2120) Hsu, Y

ENNU899 Doctoral Dissertation Research; Grade 1-8 credits
(PermReq) Method: REG; Individual Instruction course: contact department or instructor to obtain section number.

ENTM Entomology (Life Sciences)

ENTM100 Insects; Grade Method: REG/P-F/AUD; Meets 3 credits
USP Distributive Studies (B)Natural Sciences and Mathematics requirement;
0101 TuTh.....2:00pm- 3:15pm (SYM 0200) Hellman, J

ENTM111 Beekeeping; Grade Method: REG/P-F/AUD; 2 credits
0101 TuTh.....11:00am-11:50am (SYM 1308) Hellman, J

ENTM303 International Pesticide Problems and 3 credits
Solutions; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement;
0101 MWF.....9:00am- 9:50am (SYM 0200) Bottrell, D

ENTM398 General Colloquium in Entomology; Grade 1 credit
Method: REG/P-F/AUD;
0101 M.....4:00pm- 4:50pm (SYM 0200) STAFF

ENTM399 Special Problems; Grade Method: 1-2 credits
(PermReq) REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.

ENTM423 Insect Morphology and Classification; 4 credits
Grade Method: REG/P-F/AUD;
0101 TuTh.....1:00pm- 4:00pm (SYM 2303) Messersmith, D

ENTM451 Insect Pests of Agricultual Crops; Grade 4 credits
Method: REG/P-F/AUD; Prerequisite: ENTM 204.
0101 TuTh.....8:00am- 8:50am (SYM 1308) Hellman, J
TuTh.....9:00am-11:00am (SYM 2300) LAB

ENTM453 Insect Pests of Ornamentals and Turf; 3 credits
Grade Method: REG/P-F/AUD; Prerequisite: ENTM 204 or approval of instructor.
0101 TuTh.....1:00pm- 1:50pm (SYM 1308) Davidson, J
Tu.....2:00pm- 5:00pm (SYM 2300) LAB

ENTM611 Biological Suppression of Plant Pests; 3 credits
Grade Method: REG/AUD;
0101 MWF.....10:00am-10:50am (SYM 1308) Barbosa, P

ENTM699 Advanced Entomology; Grade Method: 1-6 credits
(PermReq) REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

ENTM789 Field Experience in Pest Management; Grade 1-6 credits
Method: REG/AUD;
0101 Time and room to be arranged Dively II, G
0201 Time and room to be arranged Harrison, F

ENTM798A Topic Seminar: Seminar in Biosystematics 1 credit
and Morphology; Grade Method: REG/AUD;
0101 Time and room to be arranged Mitter, C

ENTM798D Topic Seminar: Insect Pest Management - 1 credit
Microcomputer Software Applications in Entomology; Grade Method: REG/AUD;
0101 Time and room to be arranged Dively II, G

ENTM798F Topic Seminar: Acarology; Grade Method: 1 credit
REG/AUD;
0101 Time and room to be arranged Davidson, J

ENTM799 Master's Thesis Research; Grade Method: 1-6 credits
(PermReq) REG; Individual Instruction course: contact department or instructor to obtain section number.

ENTM899 Doctoral Dissertation Research; Grade 1-8 credits
(PermReq) Method: REG; Individual Instruction course: contact department or instructor to obtain section number.

FDSC Food Science (Agriculture)

FDSC111 Contemporary Food Industry and 3 credits
Consumerism; Grade Method: REG/P-F/AUD;
0101 MWF.....9:00am- 9:50am (HZF 1102) Weeks, C

FDSC399 Special Problems in Food Science; Grade 1-3 credits
(PermReq) Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.

FDSC413 Principles of Food Processing II; Grade 3 credits
Method: REG/P-F/AUD;
0101 MWF.....9:00am- 9:50am (ANS 1109) Marshall, J

FDSC421 Food Chemistry; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 MWF.....8:00am- 8:50am (ANS 1109) Vijay, I

FDSC431 Food Quality Control; Grade Method: 4 credits
REG/P-F/AUD; Class will meet in room HZF 1108, Thursday 6-7:15p.m.
0101 Tu.....6:00pm- 7:15pm (HZF 0128B) Schlimme, D
Th.....6:00pm- 7:15pm (HZF 1108)
Th.....7:30pm- 9:30pm (HZF 0109) LAB

FDSC442 Horticultural Products Processing; Grade 3 credits
Method: REG/P-F/AUD;
0101 TuTh.....2:00pm- 2:50pm (HZF 1108) Wiley, R
Th.....3:00pm- 5:00pm (HZF 0113) LAB

FDSC482 Seafood Products Processing; Grade Method: 3 credits
REG/P-F/AUD;
0101 Tu.....6:00pm- 8:30pm (HZF 1102) Chai, T

FDSC689N Seminar in Food Science: Advanced Freezing 3 credits
Technology; Grade Method: REG/AUD;
0101 W.....6:00pm- 8:45pm (HZF 1108) Elehwany, N

FDSC698 Colloquium in Food Science; Grade Method: 1 credit
REG/AUD;
0101 Tu.....4:00pm- 4:50pm (HZF 1102) Schlimme, D

FDSC699 Special Problems in Food Science; Grade 1-4 credits
(PermReq) Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

FDSC799 Master's Thesis Research; Grade Method: 1-6 credits
(PermReq) REG; Individual Instruction course: contact department or instructor to obtain section number.

FDSC899 Doctoral Dissertation Research; Grade 1-8 credits
(PermReq) Method: REG; Individual Instruction course: contact department or instructor to obtain section number.

FMCD Family and Community Development (Human Ecology)

FMCD105 The Individual in the Family; Grade 3 credits
Method: REG/P-F/AUD; For freshmen and sophomores only.
0101 MWF.....10:00am-10:50am (ARM 0112) STAFF

FMCD200 Pre-professional Seminar; Grade Method: 1 credit
REG/P-F/AUD; Formerly FMCD 270.
0101 M.....2:00pm- 2:50pm (ARM 0112) STAFF

FMCD201 Concepts in Community Development; Grade 3 credits
Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement;
0101 W.....5:00pm- 7:45pm (TLF 0124) Hanna, W

FMCD250 Decision Making in Families and 3 credits
Communities; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement;
0101 TuTh.....12:30pm- 1:45pm (ASY 2203) Hanna, W

FMCD260 Interpersonal Life Styles; Grade Method: 3 credits
REG/P-F/AUD;
0101 TuTh.....11:00am-12:15pm (TLF 0124) Rubin, R

FMCD330 Family Patterns; Grade Method: REG/AUD; 3 credits
Meets USP Distributive Studies (A) Cultural and Historical requirement;
0101 MWF.....10:00am-10:50am (ARM 0116) STAFF
0201 TuTh.....2:00pm- 3:15pm (MMH 1400) Leslie, L

FMCD332 The Child in the Family; Grade Method: 3 credits
REG/P-F/AUD;
0101 TuTh.....11:00am-12:15pm (MMH 0108) STAFF

FMCD348 Practicum in Family and Community 4 credits
(PermReq) Development; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Advance written application. Student must arrange schedule to enable appropriate time blocks for experience. Concurrent enrollment in 1-credit of FMCD 349 required with registration in FMCD 348. May be repeated in subsequent semesters in other credit combinations, but must be taken with FMCD 349. Students are encouraged to find internship placements that permit a 12-36 hour per week involvement. Appropriate credits will be rewarded.

FMCD349 Analysis of Practicum; Grade Method: 1 credit
REG/P-F/AUD; Advance written application required. Enrollment for 1-credit required

with first registration in FMCD 348. May be repeated in subsequent semesters in other credit combinations, but must be taken with FMCD 348.
0101 M.....9:00am-11:00am (MMH 1206) STAFF

FMCD381 Poverty and Affluence Among Families and 3 credits
Communities; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement;
0101 TuTh.....12:30pm- 1:45pm (JMZ 0105) Hula, R

FMCD386 Field Work; Grade Method: REG/P-F/AUD; 1-3 credits
(PermReq) Individual Instruction course: contact department or instructor to obtain section number. Must be taken concurrently with FMCD 387.

FMCD387 Field Work Analysis; Grade Method: 1-3 credits
(PermReq) REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Must be taken concurrently with FMCD 386.

FMCD399 Independent Study; Grade Method: 1-6 credits
(PermReq) REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.

FMCD431 Family Crises and Intervention; Grade 3 credits
Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisite: PSYC 100. For seniors and graduate students only.
0101 M.....6:00pm- 8:45pm (MMH 0108) Werlinich, C

FMCD441 Personal and Family Finance; Grade Method: 3 credits
REG/P-F/AUD;
0101 MWF.....9:00am- 9:50am (MMH 1400) Churaman, C

FMCD445 Family and Household Management; Grade 3 credits
Method: REG/P-F/AUD;
0101 MWF.....1:00pm- 1:50pm (MMH 1206) Churaman, C

FMCD483 Family and Community Service Systems; 3 credits
Grade Method: REG/P-F/AUD;
0101 TuTh.....11:00am-12:15pm (WDS 1101) STAFF

FMCD485 Introduction to Family Counseling; Grade 3 credits
Method: REG/P-F/AUD; Restricted to juniors and seniors only.
0101 Th.....11:00am- 1:45pm (MMH 1206) Werlinich, C

FMCD497 The Child and the Law; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement;
0101 TuTh.....12:30pm- 1:45pm (MMH 0108) Myricks, N

FMCD499T Special Topics: Introduction to 1-3 credits
Microcomputers for Research Methods; Grade Method: REG/AUD;
0101 TuTh.....9:30am-10:45am (MMH 1316) Hula, R
Time and room to be arranged LAB

FMCD600 Research and Theory in Family Studies; 3 credits
Grade Method: REG/AUD;
0101 Tu.....5:00pm- 7:45pm (MMH 1206) Rubin, R

FMCD610 Research Methods for Family and Community 3 credits
Development; Grade Method: REG/AUD;
0101 F.....9:00am-11:45am (MMH 1206) Anderson, E

FMCD640 Family Therapy: Theory and Techniques; 3 credits
Grade Method: REG/AUD;
0101 M.....4:00pm- 6:45pm (MMH 1206) Leslie, L

FMCD642 Intergenerational Aspects of Family 3 credits
Therapy; Grade Method: REG/AUD;
0101 Th.....2:00pm- 4:45pm (MMH 1206) Gaylin, N

FMCD645 Sexual Issues and the Helping 3 credits
Professional; Grade Method: REG/AUD;
0101 Th.....9:00am-11:45am (MMH 1210) Epstein, N

FMCD650 Clinical Seminar in Family Therapy; Grade 3 credits
Method: REG/AUD; Restricted to MFT specialization students
0101 Tu.....9:00am-11:45am (MMH 1206) Gaylin, N

FMCD652 Clinical Practicum in Family Therapy II; 3 credits
Grade Method: REG/AUD; Restricted to MFT specialization students
0101 Tu.....9:00am-11:45am (MMH 1210) Epstein, N

FMCD660 Planning of Family and Community Development Programs; Grade Method: REG/AUD; 3 credits
0101 M.....6:30pm- 9:00pm (LEF 1210) STAFF

FMCD698 (PermReq) Advanced Topics in Family and Community Development; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Must have written permission of faculty member and chairperson. 1-3 credits

FMCD699 (PermReq) Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

FMCD699S (PermReq) Independent Study: Theory and Practice of Clinical Supervision; Grade Method: REG/AUD; 1-6 credits
0101 Time and room to be arranged Gaylin, N

FMCD699T Independent Study: Introduction to Microcomputers; Grade Method: REG/AUD; 1-3 credits
0101 TuTh.....9:30am-10:45am (MMH 1316) Hula, R
Time and room to be arranged LAB

FMCD799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Must have written permission of faculty member and chairperson. 1-6 credits

---

FOLA Foreign Language (Arts and Humanities)

FOLA108K (PermReq) Elementary Foreign Languages I: Elementry Korean I; Grade Method: REG/P-F/AUD; Come to 2106 Jimenez for stamp and signature. Not open to native speakers. 3 credits
0101 MWF.....12:00pm-12:50pm (JRN 1101) STAFF

FOLA109K (PermReq) Elementary Foreign Languages II: Elementary Korean II; Grade Method: REG/P-F/AUD; Come to 2106 Jimenez for stamp and signature. Taken concurrently with FOLA 108K. 3 credits
0101 MWF.....1:00pm- 1:50pm (JRN 1103) STAFF

FOLA128 Introductory Middle Eastern Languages I: Arabic I; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (KEY 1118) Stowasser, K

SELF-INSTRUCTIONAL LANGUAGE PROGRAM

The program is essentially self-instructional. The student supplies a blank tape and, in return, receives a recorded tape with the week's lesson. There is also a manual designed for self-instruction which the student is required to purchase. A native speaking tutor will be assigned to drill the student in the material learned from the tape and the accompanying manual. Every effort will be made to arrange drill sessions at times suitable to all participants in the program. Attendance at drill sessions is required of all students. There will be one final examination administered by a qualified examiner appointed by the director. The entire semester's grade will derive from this examination. Enrollment in the program is strictly limited. Application forms available in JMZ 4117. Mandatory orientation and scheduling meeting will be held at beginning of semester. Details posted outside of JMZ 3122.

FOLA138A (PermReq) Directed Study of a Foreign Language I: Hungarian I; Grade Method: REG/P-F/AUD; All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA138C (PermReq) Directed Study of a Foreign Language I: Modern Greek I; Grade Method: REG/P-F/AUD; All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA138D (PermReq) Directed Study of a Foreign Language I: Dutch I; Grade Method: REG/P-F/AUD; All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA138F (PermReq) Directed Study of a Foreign Language I: Polish I; Grade Method: REG/P-F/AUD; All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA138K (PermReq) Directed Study of a Foreign Language I: Persian I; Grade Method: REG/P-F/AUD; All students planning to take this course must complete an application form (available in JMZ 4117) Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA138P (PermReq) Directed Study of a Foreign Language I: Hindi I; Grade Method: REG/P-F/AUD; All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA138R (PermReq) Directed Study of a Foreign Language I: Turkish I; Grade Method: REG/P-F/AUD; All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA138S (PermReq) Directed Study of a Foreign Language I: Egyptian Arabic I; Grade Method: REG/P-F/AUD; All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA139P (PermReq) Directed Study of a Foreign Language II: Hindi II; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 138P or consent of program director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122.Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA139R (PermReq) Directed Study of a Foreign Language II: Elementary Turkish; Grade Method: REG/P-F/AUD; All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA148A (PermReq) Directed Study of a Foreign Language III: Hungarian III; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 139A or FOLA 158A or consent of program director. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA148C (PermReq) Directed Study of a Foreign Language III: Modern Greek III; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 139C or FOLA 158C or consent of program director. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA148D (PermReq) Directed Study of a Foreign Language III: Dutch III; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 139D or FOLA 158D or consent of program director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA148F (PermReq) Directed Study of a Foreign Language III: Polish III; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 139F or FOLA 158F or consent of program director. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA148K (PermReq) Directed Study of a Foreign Language III: Persian III; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 139K or FOLA 158K or consent of program director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA148P (PermReq) Directed Study of a Foreign Language III: Hindi III; Grade Method: REG/P-F/AUD; Prerequisites: FOLA 139P or FOLA 158P or consent of program director. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA148Q (PermReq) Directed Study of a Foreign Language III: Norwegian III; Grade Method: REG/P-F/AUD; All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged MacBain, W

FOLA148R (PermReq) Directed Study of a Foreign Language III: Turkish III; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 139R or FOLA 158R or consent of program director. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA148S (PermReq) Directed Study of a Foreign Language III: Egyptian Arabic III; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 139S or FOLA 158S or consent of program director. All students planning to take this course must complete application form (avaible in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outsied JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA148U (PermReq) Directed Study of a Foreign Language III: Korean III; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 139U or FOLA 158U or consent of program director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA149C (PermReq) Directed Study of a Foreign Language IV: Modern Greek IV; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 148C or consent of program director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA149P (PermReq) Directed Study of a Foreign Language IV: Hindi IV; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 148P or consent of program director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA158C (PermReq) Directed Study of a Foreign Language (Intensive) I: Elementary Greek; Grade Method: REG/P-F/AUD; All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 6 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA158P (PermReq) Directed Study of a Foreign Language (Intensive) I: Elementary Hindi (Intensive); Grade Method: REG/P-F/AUD; All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 6 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA158X (PermReq) Directed Study of a Foreign Language (Intensive) I: Elementary Urdu; Grade Method: REG/P-F/AUD; Students may register for FOLA 158X or 158P, not both. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 6 credits
0101 Time and room to be arranged LAB STAFF

FOLA159C (PermReq) Directed Study of a Foreign Language (Intensive) II: Intermediate Greek; Grade Method: REG/P-F/AUD; All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 6 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA159P (PermReq) Directed Study of a Foreign Language (Intensive) II: Intermediate Hindi; Grade Method: REG/P-F/AUD; All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 6 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA159U (PermReq) Directed Study of a Foreign Language (Intensive) II: Intermediate Korean; Grade Method: REG/P-F/AUD; All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 6 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA159X (PermReq) Directed Study of a Foreign Language (Intensive) II: Intermediate Urdu; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 158X or 158P or 139P or consent of program director. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 6 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA228 Intermediate Middle Eastern Languages I; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (KEY 0117) Stowasser, K

FOLA389A Foreign Civilization: Germanic Mythology; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 0105) Fleck, J

FOLA389C Foreign Civilization: German Civilization I; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (JMZ 3205) Herin, C

FOLA408 Foreign Language I: Sanskrit I; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 3205) Fleck, J

FOLA418Y Practicum in Translation for International Diplomacy; Grade Method: REG/P-F/AUD; 3 credits
0101 Time and room to be arranged LAB Brecht, R

FOLA459A Foreign Literature in Translation: Films of Ingmar Bergman; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....2:00pm- 4:00pm (JMZ 3205) Fleck, J

FOOD Food (Human Ecology)

FOOD110 Food For People; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 TuTh.....9:30am-10:45am (ARM 0112) STAFF

FOOD240 (PermReq) Science of Food I; Grade Method: REG/P-F/AUD; Pre or co-requisites: CHEM 104 or 233. 3 credits
0101 TuTh.....10:00am-10:50am (ARM 0117) Curtis, S
Tu.....2:00pm- 5:00pm (MMH 3401) LAB
0102 TuTh.....10:00am-10:50am (ARM 0117) Curtis, S
W.....2:00pm- 5:00pm (MMH 3401) LAB

FOOD250 (PermReq) Science of Food II; Grade Method: REG/P-F/AUD; Prerequisite: FOOD 240. 3 credits
0101 TuTh.....1:00pm- 1:50pm (MMH 3418) Curtis, S
M.....2:00pm- 5:00pm (MMH 3401) LAB

FOOD440 Advanced Food Science I; Grade Method: REG/P-F/AUD; Prerequisites: FOOD 250; BCHM 261 or 461 3 credits
0101 TuTh.....11:00am-12:15pm (MMH 3418) Choi, Y

FOOD445 Advanced Food Science Laboratory; Grade Method: REG/P-F/AUD; 1 credit
0101 W.....1:00pm- 4:00pm (MMH 3407) LAB Choi, Y

FOOD640 Food Enzymes; Grade Method: REG/AUD; Prerequisite: FOOD 440 or equivalent. 3 credits
0101 M.....6:00pm- 8:45pm (MMH 3418) Choi, Y

FOOD660 Research Methods; Grade Method: REG/AUD; Prerequisite: a statistics course. 3 credits
0101 TuTh.....5:00pm- 6:15pm (MMH 3418) Prather, M

FOOD688 Seminar; Grade Method: REG/AUD; 1 credit
0101 Th.....4:00pm- 4:50pm (MMH 3418) Moser-Veillon,

FOOD789 Non-Thesis Research; Grade Method: S-F; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

FOOD799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

FOOD888 (PermReq) Doctoral Seminar; Grade Method: REG/AUD; 1 credit
0101 F.....2:00pm- 4:00pm (MMH 0108) Read, M

FOOD899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

FREN French (Arts and Humanities)

A booklet fully describing courses to be offered is available in the office of the Department of French and Italian, Room 3106 of the Juan Ramon Jimenez building.

FREN101 Elementary French; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Limited to students according to conditions described in the "Foreign Language Placement" section in this schedule. Students must show high school transcript. 4 credits
0101 MTuWF.....8:00am- 8:50am (JMZ 2123) STAFF
0201 MTuWF.....8:00am- 8:50am (JMZ 3118) STAFF
0301 MWF.....9:00am- 9:50am (JMZ 1104) STAFF
Tu.....9:00am- 9:50am (JMZ 2122)
0401 MWF.....10:00am-10:50am (JMZ 2120) STAFF
Tu.....10:00am-10:50am (JMZ 1224)
0501 MTuWF.....11:00am-11:50am (JMZ 0118) STAFF
0601 MTuWF.....12:00pm-12:50pm (JMZ 0118) STAFF
0701 MTuWF.....1:00pm- 1:50pm (JMZ 0103) STAFF
0801 TuTh.....2:00pm- 4:00pm (JMZ 0122) STAFF
0901 MWF.....9:00am- 9:50am (JMZ 2123) STAFF
F.....10:00am-10:50am (COL 3110)
1001 TuTh.....7:00pm- 9:00pm (JMZ 2125) STAFF

FREN101H Elementary French; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Limited to students according to conditions described in the "Foreign Language Placement" section in this schedule. Students must show high school transcript. 4 credits
0101 M.....11:00am- 1:00pm (JMZ 2125) STAFF
WF.....11:00am-11:50am (JMZ 2125)

FREN102 Elementary French; Grade Method: REG/P-F/AUD; Meets USP Distributive 4 credits

Studies (A) Cultural and Historical requirement; Open only to students who have completed FREN 101 on this campus, or by permission of course chairperson.
0101 MWThF.....8:00am- 8:50am (JMZ 0103) STAFF
0201 MWF.....8:00am- 8:50am (JMZ 2125) STAFF
Th.....8:00am- 8:50am (JMZ 3118)
0301 MWThF.....9:00am- 9:50am (JMZ 2122) STAFF
0401 MWThF.....10:00am-10:50am (JMZ 2122) STAFF
0501 MWThF.....11:00am-11:50am (JMZ 2122) STAFF
0601 MWThF.....12:00pm-12:50pm (JMZ 2122) STAFF
0701 MWThF.....1:00pm- 1:50pm (JMZ 2122) STAFF
0801 MW.....2:00pm- 4:00pm (JMZ 2122) STAFF

FREN103 Review of Elementary French; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Limited to students according to conditions described in the " Foreign Language Placement" section in this schedule. Students must show high school transcript. 4 credits
0101 MWThF.....8:00am- 8:50am (JMZ 0120) STAFF
0201 MWThF.....8:00am- 8:50am (JMZ 0122) STAFF
0301 MWThF.....9:00am- 9:50am (JMZ 0122) STAFF
0401 MWThF.....11:00am-11:50am (JMZ 0122) STAFF
0501 MWThF.....12:00pm-12:50pm (JMZ 0122) STAFF
0601 MWF.....1:00pm- 1:50pm (JMZ 1104) STAFF
Th.....1:00pm- 1:50pm (JMZ 0125)
0701 MWThF.....1:00pm- 1:50pm (JMZ 0122) STAFF
0801 MWF.....1:00pm- 1:50pm (JMZ 0120) STAFF
Th.....1:00pm- 1:50pm (JMZ 0103)
0901 TuTh.....2:00pm- 4:00pm (JMZ 0118) STAFF
1001 TuTh.....7:00pm- 9:00pm (JMZ 0118) STAFF
1101 MW.....2:00pm- 4:00pm (JMZ 2125) STAFF

FREN121 Accelerated French I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 2125) STAFF

FREN121H Accelerated French I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Honors. 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 2125) STAFF

FREN200 French For Reading; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....2:00pm- 3:15pm (JMZ 3120) Demaitre, A

FREN203 Intermediate French; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Limited to students according to conditions described in the "Foreign Language Placement" section in this schedule. Student must show high school transcript. 4 credits
0101 MWThF.....8:00am- 8:50am (JMZ 0118) STAFF
0201 MWThF.....8:00am- 8:50am (JMZ 2120) STAFF
0301 MWThF.....9:00am- 9:50am (JMZ 0118) STAFF
0401 MWThF.....11:00am-11:50am (JMZ 2123) STAFF
0501 MWThF.....1:00pm- 1:50pm (JMZ 0118) STAFF
0601 MW.....2:00pm- 4:00pm (JMZ 2120) STAFF
0701 MW.....7:00pm- 9:00pm (JMZ 2123) STAFF

FREN203H Intermediate French; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 4 credits
0101 MWF.....12:00pm-12:50pm (JMZ 3120) Demaitre, A
F.....1:00pm- 1:50pm (JMZ 3120)

FREN204 Review Grammar and Composition; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (HBK 1108) STAFF
0201 TuTh.....11:00am-12:15pm (JMZ 1215) Joseph, J
0301 MWF.....12:00pm-12:50pm (JMZ 3118) STAFF

FREN211 Intermediate Conversation; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 2120) Bondurant, D
0201 MWF.....10:00am-10:50am (JMZ 0118) STAFF
0301 MWF.....12:00pm-12:50pm (JMZ 2102) STAFF

FREN250 Readings in French; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 3120) Black, C
0201 MWF.....11:00am-11:50am (JMZ 3120) Demaitre, A
0301 MWF.....11:00am-11:50am (JMZ 3118) STAFF

FREN250H Readings in French; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 3120) Black, C
0201 MWF.....11:00am-11:50am (JMZ 3120) Demaitre, A
0301 MWF.....11:00am-11:50am (JMZ 3118) STAFF

~~FREN301~~ Composition and Style; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 2123) Joseph, J
0201 MWF.....1:00pm- 1:50pm (JMZ 2123) STAFF

~~FREN302~~ Introduction to Translation; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 2120) Mossman, C

~~FREN311~~ French Conversation: Contemporary Issues; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....10:00am-10:50am (JMZ 2102) Mossman, C
0201 MWF.....1:00pm- 1:50pm (JMZ 2120) STAFF

~~FREN312~~ French Conversation: Current Cultural Events; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 2102) Barrabini, M
0201 TuTh.....2:00pm- 3:15pm (JMZ 3120) Fink, B

~~FREN351~~ French Literature From the Revolution to the Present; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....10:00am-10:50am (JMZ 3120) Therrien, M

~~FREN351H~~ French Literature From the Revolution to the Present; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; Honors. 3 credits
0101 MWF.....10:00am-10:50am (JMZ 3120) Therrien, M

~~FREN352~~ French Literature From the Middle Ages to the Revolution; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 3120) Fink, B

~~FREN352H~~ French Literature From the Middle Ages to the Revolution; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; Honors. 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 3120) Fink, B

~~FREN370~~ Aspects of French Civilization; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 2125) Verdaguer, P

FREN386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

FREN387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

FREN398 (PermReq) Practicum in Spoken French; Grade Method: S-F; Individual Instruction course: contact department or instructor to obtain section number. Supervised conversation under professor of student's choice with consent of instructor. Contact department for details. Prerequisite: FREN 312 or permission of department chairman. 1 credit

~~FREN399~~ (PermReq) Directed Study in French; Grade Method: S-F; Individual Instruction course: contact department or instructor to obtain section number. Supervised work under professor of student's choice with consent of instructor. Contact department for details. 1-3 credits

FREN404 Advanced Conversation in French; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 2123) Barrabini, M

FREN405 Explication De Textes; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 3118) Fink, B

FREN406 Business and Commercial French; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 2125) Verdaguer, P

FREN459 Studies in 19th Century French Literature: Romanticism: Flowering and Influence; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 2120) Mossman, C

FREN459H Studies in 19th Century French Literature: Romanticism: Flowering and Influence; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 2120) Mossman, C

FREN471 French Civilization I; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMZ 2120) Barrabini, M

FREN471H French Civilization I; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMZ 2120) Barrabini, M

FREN478B Themes and Movements of French Literature in Translation: Autobiographical Fiction by Francophone Women Writers; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 2120) Hage, M

FREN479D Masterworks of French Literature in Translation: Ideologies and Relations Between the Sexes; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 TuTh.....8:00am- 9:15am (JMZ 2125) MacBain, W

FREN494H (PermReq) Honors Independent Study; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

FREN495H (PermReq) Honors Thesis Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

FREN498B Special Topics in French Literature: Francophone Women Writers; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 2120) Hage, M
Tu.....2:00pm- 2:50pm (JMZ 1125) DIS

FREN499B Special Topics in French Studies: La Literature Francophone; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (JMZ 3118) Black, C

FREN499D Special Topics in French Studies: Ideologies and Relations Between the Sexes; Grade Method: REG/P-F/AUD; Readings, examinations and paper must be in French for course work to count towards French major. In English. 3 credits
0101 TuTh.....8:00am- 9:15am (JMZ 2125) MacBain, W
Th.....9:30am-10:30am (JMZ 2102) DIS

FREN600 Problems in Bibliography and Research Methods; Grade Method: REG/AUD; 3 credits
0101 W.....2:00pm- 4:30pm (JMZ 3118) Tarica, R

FREN619 Special Topic in Medieval French Literature: Narrative Technique in Medieval Literature; Grade Method: REG/AUD; 3 credits
0101 Tu.....2:00pm- 4:30pm (JMZ 3118) MacBain, W

FREN641 Rousseau; Grade Method: REG/AUD; 3 credits
0101 M.....2:00pm- 4:30pm (JMZ 3118) Therrien, M

FREN669 Special Topic in Twentieth Century French Literature: Movements De Pensee dans la France Des Annees Trente; Grade Method: REG/AUD; 3 credits
0101 Th.....2:00pm- 4:30pm (JMZ 3118) Hage, M

FREN709 College Teaching of French; Grade Method: S-F; 1 credit
0101 Tu.....5:00pm- 6:00pm (JMZ 3118) Hage, M

~~FREN798~~ (PermReq) Master's Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

~~FREN799~~ (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

~~FREN818~~ French Literary Criticism: French Literary Criticism; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

~~FREN898~~ (PermReq) Doctoral Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

~~FREN899~~ (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

FSAD Foodservice Administration (Human Ecology)

FSAD300 Foodservice Organization and Management; Grade Method: REG/P-F/AUD; Offered fall semesters only. 3 credits
0101 TuTh.....2:00pm- 3:15pm (ARM 0112) STAFF

FSAD350 (PermReq) Foodservice Operations I; Grade Method: REG/P-F/AUD; Prerequisites or co-requisites: FSAD 300, MICB 200; prerequisites: FOOD 240, 250. Section 0101 for FSAD majors only; section 0102 for dietetics majors. 5 credits
0101 MWF.....9:00am- 9:50am (MMH 3418) Noble, J
Tu.....8:00am- 1:00pm (MMH 3108) LAB
0102 MWF.....9:00am- 9:50am (MMH 3418) Noble, J
Th.....8:00am- 1:00pm (MMH 3108) LAB

FSAD390 Introduction to Foodservice Budgeting; Grade Method: REG/P-F/AUD; 1 credit
0101 W.....11:00am-11:50am (MMH 3418) Norton, V

FSAD450 Foodservice Equipment Planning; Grade Method: REG/P-F/AUD; Prerequisite: FSAD 350. 3 credits
0101 TuTh.....1:00pm- 1:50pm (MMH 3112) Norton, V
W.....1:00pm- 4:00pm (MMH 3112) LAB

FSAD455 Manpower Planning for Foodservice; Grade Method: REG/P-F/AUD; Prerequisite: FSAD 350; BMGT 362 or ECON 370. 3 credits
0101 TuTh.....2:00pm- 3:15pm (MMH 3418) Noble, J

FSAD480 (PermReq) Practicum in Foodservice Administration; Grade Method: S-F; Prerequisite: FSAD 350 and consent of instructor. 3 credits
0101 F.....2:00pm- 5:00pm (MMH 3418) Noble, J

FSAD490 (PermReq) Special Problems in Foodservice; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 2-3 credits

FSAD498 (PermReq) Special Topics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

FSAD615 Education and Training Methodologies for the Health Care Industry; Grade Method: REG/AUD; Prerequisite: consent of instructor. 3 credits
0101 W.....4:00pm- 6:45pm (MMH 3418) Norton, V

FSAD660 Research Methods; Grade Method: REG/AUD; Prerequisite: a statistics course. 3 credits
0101 TuTh.....5:00pm- 6:15pm (MMH 3418) Prather, M

FSAD678A Special Topics in Foodservice 1-6 credits
(PermReq) Administration: Individual Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

FSAD688 Seminar; Grade Method: REG/AUD; 1 credit
0101 Th.....4:00pm- 4:50pm (MMH 3418) Moser-Veillon,

FSAD789 Non-Thesis Research; Grade Method: S-F; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

FSAD799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

FSAD888 (PermReq) Doctoral Seminar; Grade Method: REG/AUD; 1 credit
0101 F.....2:00pm- 4:00pm (MMH 0108) Read, M

FSAD899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

GEOG Geography (Behavior & Social Sci)

GEOG100 Introduction to Geography; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 MW.....10:00am-10:50am (LEF 2205) Cirrincione, J
Th.....10:00am-10:50am (EGR 2112) DIS
0102 MW.....10:00am-10:50am (LEF 2205) Cirrincione, J
Th.....11:00am-11:50am (EGR 3102) DIS
0103 MW.....10:00am-10:50am (LEF 2205) Cirrincione, J
F.....9:00am- 9:50am (LEF 1220) DIS
0104 MW.....10:00am-10:50am (LEF 2205) Cirrincione, J
F.....10:00am-10:50am (LEF 2205) DIS
0105 MW.....10:00am-10:50am (LEF 2205) Cirrincione, J
F.....12:00pm-12:50pm (TAA 1124) DIS
0201 MW.....11:00am-11:50am (LEF 2205) Cirrincione, J
Th.....10:00am-10:50am (PHY 4208) DIS
0202 MW.....11:00am-11:50am (LEF 2205) Cirrincione, J
Th.....11:00am-11:50am (MTH 0407) DIS
0203 MW.....11:00am-11:50am (LEF 2205) Cirrincione, J
F.....9:00am- 9:50am (TAA 1122) DIS
0204 MW.....11:00am-11:50am (LEF 2205) Cirrincione, J
F.....10:00am-10:50am (TAA 1122) DIS
0205 MW.....11:00am-11:50am (LEF 2205) Cirrincione, J
F.....11:00am-11:50am (LEF 2205) DIS

GEOG201 Geography of Environmental Systems; Grade Method: REG/P-F/AUD; Course meets University Studies Program Distributive Studies (B) Non-Lab Science and Mathematics requirement. If taken with GEOG 211, course may be counted as lab science requirement. 3 credits
0101 TuTh.....9:30am-10:45am (LEF 2205) Marcus, A

GEOG202 The World in Cultural Perspective; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 TuTh.....11:00am-12:15pm (LEF 2208) Mitchell, R
0201 TuTh.....12:30pm- 1:45pm (TYD 1102) Fonaroff, L

GEOG203 Economic Geography; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 TuTh.....2:00pm- 3:15pm (LEF 1201) Fuchs, C
0201 MWF.....11:00am-11:50am (LEF 1222) Brodsky, H

GEOG211 Geography of Environmental Systems Laboratory; Grade Method: REG/P-F/AUD; Prerequisite or coreguisite: GEOG 201, or GEOL 100, or GEOL 120. This is a 2 hr, 1 credit lab which parallels GEOG 201; Required for GEOG majors, optional for non-majors. 1 credit
0101 M.....9:00am-11:00am (TYD 2140) LAB Marcus, A
0201 F.....9:00am-11:00am (TYD 2140) LAB Marcus, A
0301 W.....1:30pm- 3:30pm (TYD 2140) LAB Marcus, A

GEOG305 Quantitative Methods in Geography; Grade Method: REG/P-F/AUD; Satisfies URBS 350 requirements. 3 credits
0101 MWF.....10:00am-10:50am (LEF 1221) Brodsky, H

GEOG310 Research and Writing in Geography; Grade Method: REG; Course satisfies English 391 composition requirement for geography majors only. Preferred prerequisite: GEOG 305. Limited to geography majors with senior standing. 3 credits
0101 Th.....4:00pm- 6:30pm (LEF 1221) Fonaroff, L

GEOG322 Central America, the Caribbean and Mexico; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (LEF 1220) Chaves, A

GEOG345 Climatology; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....6:30pm- 9:00pm (LEF 1220) Goward, S

GEOG350 The American City: Past and Present; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (LEF 1222) Groves, P

GEOG370 Principles of Cartography; Grade Method: REG/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 M.....4:00pm- 6:30pm (LEF 2205) Wiedel, J
Time and room to be arranged LAB

GEOG372 Remote Sensing; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....12:00pm- 2:00pm (LEF 1220) Leatherman, S
F.....12:00pm- 2:00pm (LEF 1138) LAB
0201 M.....12:00pm- 2:00pm (LEF 1220) Leatherman, S
W.....12:00pm- 2:00pm (LEF 1138) LAB

GEOG373 Computer Mapping; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....4:30pm- 7:00pm (LEF 1221) Lai, P

GEOG384 (PermReq) Internship in Geography; Grade Method: REG/P-F; Prerequisites: GEOG 305 and 310. 3 credits
0101 Time and room to be arranged Cirrincione, J

GEOG385 (PermReq) Internship Research Paper; Grade Method: REG/P-F/AUD; Must be taken with GEOG 384. 3 credits
0101 Time and room to be arranged Cirrincione, J

GEOG410 Colonial North America; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (TAA 1124) Mitchell, R

GEOG440 Process Geomorphology; Grade Method: REG/AUD; Prerequisite: GEOG 340 or consent of instructor. 3 credits
0101 M.....7:00pm- 9:30pm (LEF 1179) Leatherman, S

GEOG454 Washington: Past and Present; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (LEF 1221) Groves, P

GEOG462 Water Resources and Water Resource Planning; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 TuTh.....2:00pm- 3:15pm (LEF 2205) Marcus, A

GEOG464 Energy Resources and Planning; Grade Method: REG; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 W.....3:00pm- 5:30pm (TYD 1101) STAFF

GEOG471 Cartographic Production; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....2:00pm- 4:30pm (LEF 1138) Wiedel, J
TBA (LEF 1138) LAB

GEOG480 Advanced Remote Sensing; Grade Method: REG/P-F/AUD; Prerequisite: GEOG 372 or introductory remote sensing in another department. 3 credits
0101 W.....7:00pm- 9:30pm (LEF 1138) Goward, S

GEOG481 Advanced Computer Mapping; Grade Method: REG/P-F/AUD; Prerequisite: GEOG 373 or consent of instructor. 3 credits
0101 Th.....6:30pm- 9:00pm (LEF 1210) Lai, P

GEOG483 Survey of Computer Facilities for Geography and Urban Studies; Grade Method: REG/P-F/AUD; Restricted to graduate students only in GEOG and URBS. Section 1 credit

0101 is recommended for students planning to specialize in digital cartography (GEOG 481, 482, 695, and 696).
0101 Tu.....4:00pm- 5:15pm (LEF 1124) Thompson, D
0201 Th.....4:00pm- 5:15pm (LEF 0227) Eney, A

GEOG498 (PermReq) Topical Investigations: Selected Topics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

GEOG600 Introduction to Graduate Study in Geography; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm- 9:30pm (LEF 1179) Christian, C

GEOG618C Seminar in Geomorphology: Process Geomorphology; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:30pm (LEF 1179) Leatherman, S

GEOG679P Seminar in Urban Geography: The Planning Process; Grade Method: REG/AUD; 3 credits
0101 M.....6:30pm- 9:00pm (LEF 1210) STAFF

GEOG696 Geographic Information Systems; Grade Method: REG/AUD; Prerequisite: GEOG 482, GEOG 483, consent of instructor. 3 credits
0101 Tu.....7:00pm- 9:30pm (LEF 1221) Thompson, D

GEOG788 (PermReq) Selected Topics in Geography; Grade Method: REG; 1-3 credits
1501 Time and room to be arranged STAFF

GEOG789 (PermReq) Independent Readings; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

GEOG790 (PermReq) Internship in Geography; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

GEOG798 (PermReq) Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

GEOG799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

GEOG899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

GEOL Geology (Comp, Math, & Phys Sci)

GEOL100 Physical Geology; Grade Method: REG/P-F/AUD; Course meets University Studies Program Distributive Studies (B) Non-Lab Sciences and Mathematics requirement. If taken with GEOL 110, course can be counted as lab-science requirement; 3 credits
0201 MWF.....1:00pm- 1:50pm (HJP 0226) Stifel, P
0301 TuTh.....12:30pm- 1:45pm (HJP 0226) Weidner, J

GEOL101 Physical Geology for Science Students; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Concurrent registration with GEOL 110 required. 3 credits
0101 MWF.....10:00am-10:50am (GEO 1120) Nielsen, R

GEOL110 Physical Geology Laboratory; Grade Method: REG/P-F/AUD; 1 credit
0101 M.....9:00am-12:00pm (GEO 2106) LAB STAFF
0102 M.....1:00pm- 4:00pm (GEO 2106) LAB STAFF
0103 Tu.....12:00pm- 3:00pm (GEO 2106) LAB STAFF
0104 Tu.....3:00pm- 6:00pm (GEO 2106) LAB STAFF
0105 Tu.....6:00pm- 9:00pm (GEO 2106) LAB STAFF
0106 W.....9:00am-12:00pm (GEO 2106) LAB STAFF
0107 W.....1:00pm- 4:00pm (GEO 2106) LAB STAFF
0108 Th.....12:00pm- 3:00pm (GEO 2106) LAB STAFF
0109 Th.....3:00pm- 6:00pm (GEO 2106) LAB STAFF

GEOL120 Environmental Geology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 3 credits
0101 MWF.....8:00am- 8:50am (HJP 0226) Segovia, A

GEOL321 Crystallography; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....8:00am- 8:50am (HJP 0226) Chang, L
Tu.....1:00pm- 3:00pm (GEO 2107) LAB

GEOL331 Invertebrate Paleontology; Grade Method: REG/P-F/AUD; 4 credits
0101 MWF.....9:00am- 9:50am (HBK 0113) Stifel, P
M.....2:00pm- 5:00pm (GEO 2107) LAB

GEOL340 Geomorphology; Grade Method: REG/P-F/AUD; 4 credits
0101 TuTh.....12:30pm- 1:45pm (GEO 1120) Ridky, R
Th.....2:00pm- 5:00pm (GEO 2107) LAB

GEOL393 Technical Writing for Geoscientists; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....4:00pm- 5:30pm (HBK 0105) Stifel, P

GEOL394 Research Problems in Geology; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....4:00pm- 5:30pm (HBK 0105) Stifel, P

GEOL423 Optical Mineralogy; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....2:00pm- 2:50pm (GEO 2117) Wylie, A
Th.....8:00am-12:00pm (GEO 2117) LAB

GEOL443 Petrology; Grade Method: REG/P-F/AUD; 3 credits
0101 WF.....8:00am- 8:50am (GEO 1120) Weidner, J
W.....9:00am-12:00pm (GEO 2117) LAB

GEOL445 Principles of Geochemistry; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....12:00pm- 1:15pm (GEO 1120) Candela, P

GEOL446 Geophysics; Grade Method: REG/P-F/AUD; 3 credits
0101 Th.....6:00pm- 9:00pm (GEO 1120) STAFF

GEOL456 Engineering Geology; Grade Method: REG; 3 credits
0101 MWF.....3:00pm- 3:50pm (GEO 1120) Segovia, A
W.....4:00pm- 6:00pm (GEO 2107) LAB

GEOL499 (PermReq) Special Problems in Geology; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

GEOL499R Special Problems in Geology: Petrology of Recent and Quaternary Carbonates; Grade Method: REG; 3 credits
0101 Time and room to be arranged Siegrist Jr, H

GEOL614 Thermodynamics of Geological Processes; Grade Method: REG/AUD; 3 credits
0101 MW.....8:00am- 9:30am (GEO 2107) Candela, P

GEOL621 Mineralogy of Ore-Forming Sulfides; Grade Method: REG; 3 credits
0101 Th.....10:00am-12:30pm (GEO 1120) Chang, L

GEOL642 Sedimentary Petrography; Grade Method: REG; 3 credits
0101 TuTh.....1:00pm- 1:50pm (GEO 2117) Siegrist Jr, H
Th.....2:00pm- 5:00pm (GEO 2117) LAB

GEOL643 Igneous Petrology; Grade Method: REG; 3 credits
0101 MF.....1:00pm- 1:50pm (GEO 2117) Nielsen, R
F.....2:00pm- 5:00pm (GEO 2117) LAB

GEOL644 Metamorphic Petrology; Grade Method: REG; 3 credits
0101 MW.....2:00pm- 2:50pm (GEO 1120) McLellan, E
M.....3:00pm- 6:00pm (GEO 2117) LAB

GEOL653 Advanced Problems in Economic Geology; Grade Method: REG; 3 credits
0101 Tu.....9:30am-12:15pm (GEO 1120) Wylie, A

GEOL656 Engineering and Environmental Geology; Grade Method: REG; 3 credits
0101 MWF.....3:00pm- 3:50pm (GEO 1120) Segovia, A
W.....4:00pm- 6:00pm (GEO 2107) LAB

GEOL789 Recent Advances in Geology; Grade Method: REG/AUD; 2-4 credits
0101 Tu.....2:00pm- 5:00pm (GEO 1120) Ridky, R

GEOL798 (PermReq) Seminar in Geology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1 credit

GEOL799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

GEOL899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

GERM German (Arts and Humanities)

GERM101 Elementary German I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 4 credits
0101 MTuWF.....8:00am- 8:50am (JMZ 3205) STAFF
0201 MTuWF.....9:00am- 9:50am (JMZ 0204) STAFF
0301 MTuWF.....10:00am-10:50am (JMZ 0204) STAFF
0401 MWF.....11:00am-11:50am (HZF 1101) STAFF
Tu.....11:00am-11:50am (JMZ 0204)
0501 MTuWF.....12:00pm-12:50pm (JMZ 0204) STAFF
0601 MTuWF.....1:00pm- 1:50pm (JMZ 0204) STAFF
0701 MTuWF.....2:00pm- 2:50pm (JMZ 0204) STAFF
0801 MWF.....9:00am- 9:50am (JMZ 1122) STAFF
Tu.....9:00am- 9:50am (JMZ 1224)
0901 MWF.....11:00am-11:50am (JRN 1103) STAFF
Tu.....11:00am-11:50am (JMZ 2122)
1001 MWF.....10:00am-10:50am (COL 0104) STAFF
Tu.....10:00am-10:50am (JMZ 0208)

GERM102 Elementary German II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 4 credits
0101 MWThF.....8:00am- 8:50am (JMZ 3203) STAFF
0201 MWF.....9:00am- 9:50am (JMZ 1226) STAFF
Th.....9:00am- 9:50am (JMZ 0204)
0301 MWF.....10:00am-10:50am (JMZ 1122) STAFF
Th.....10:00am-10:50am (JMZ 0204)
0401 MWF.....11:00am-11:50am (JMZ 1122) STAFF
Th.....11:00am-11:50am (JMZ 0204)
0501 MWF.....12:00pm-12:50pm (JMZ 2123) STAFF
Th.....12:00pm-12:50pm (JMZ 1117)
0601 MWF.....1:00pm- 1:50pm (JMZ 1122) STAFF
Th.....1:00pm- 1:50pm (JMZ 2207)

GERM103 Review of Elementary German; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 4 credits
0101 MWF.....9:00am- 9:50am (JMZ 3205) STAFF
Tu.....9:00am- 9:50am (JMZ 0118)
0201 MWF.....11:00am-11:50am (JMZ 2206) STAFF
Tu.....11:00am-11:50am (JMZ 1224)

GERM104 Intermediate German; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 4 credits
0101 MWF.....9:00am- 9:50am (JMZ 0120) STAFF
Th.....9:00am- 9:50am (JMZ 1117)
0201 MWF.....10:00am-10:50am (EGR 1124) STAFF
Th.....10:00am-10:50am (JMZ 1117)
0301 MWF.....11:00am-11:50am (GEO 1120) STAFF
Th.....11:00am-11:50am (JMZ 1109)

GERM104H Intermediate German; Grade Method: REG; Meets USP Distributive Studies (A) Cultural and Historical requirement; For students considering an honors major in German. Students will receive extra individualized supervision. Prerequisite: Grade of A or B in GERM 102 or 103 4 credits
0101 MWF.....12:00pm-12:50pm (JMZ 1124) STAFF
Th.....12:00pm-12:50pm (JMZ 0118)

GERM141 Elementary Yiddish I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 3205) Bilik, D

GERM144 Intermediate Yiddish I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 3205) Bilik, D

GERM211 Intermediate German Conversation; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (JMZ 1123) Frederiksen, E
0201 MWF.....10:00am-10:50am (COL 3114) Fagan, S

GERM220 Introduction to German Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 1122) Beicken, P

GERM280 German-American Cultural Contrast; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....10:00am-10:50am (JMZ 3203) Pfister, G

GERM282 Germanic Mythology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 0105) Fleck, J

GERM301 Conversation and Composition I; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (JMZ 3205) Frederiksen, E
0201 MWF.....12:00pm-12:50pm (JMZ 3205) Strauch, G

GERM302 Conversation and Composition II; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (JMZ 3203) Fagan, S

GERM321 Highlights of German Literature I; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 1109) Strauch, G

GERM349A Yiddish Literature in Translation: Yiddish Culture - The Holocaust in Film and Literature; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 TuTh.....2:00pm- 4:00pm (JMZ 0220) Bilik, D

GERM369B Scandinavian Literature in Translation: Films of Ingmar Bergman; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....2:00pm- 4:00pm (JMZ 3205) Fleck, J

GERM381 German Civilization I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....10:00am-10:50am (JMZ 3205) Herin, C

GERM389R Topics in Germanic Culture: Reason and Faith; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMZ 3203) Best, O

GERM397H (PermReq) Honors Reading (Independent Study); Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Students must have instructor's permission before registering. 3 credits

GERM401 Advanced Conversation; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 3203) Herin, C

GERM403 Advanced Composition; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 3203) Herin, C

GERM419A Selected Topics in German Language Study: German Phonetics; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 1109) Fagan, S

GERM422 From the Reformation Through the Baroque; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 3203) Best, O

GERM433 Naturalism and Its Counter Currents; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMZ 3207) Beicken, P

GERM461 Reading Swedish, Danish and Norwegian I; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (JMZ 0204) Oster, R

GERM472 Introduction to Germanic Philology; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....1:00pm- 3:30pm (JMZ 3207) Oster, R

GERM479S Selected Topics in Germanic Philology: Sanskrit I; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 3205) Fleck, J

GERM499 (PermReq) Directed Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

GERM621 Middle High German Literature I; Grade Method: REG/AUD; 3 credits
0101 M.....5:00pm- 7:30pm (JMZ 3207) Strauch, G

GERM631 German Lyric Poetry; Grade Method: REG/AUD; 3 credits
0101 Tu.....5:00pm- 7:30pm (JMZ 3203) Beicken, P

GERM671 Gothic, Old High German, Middle High German I; Grade Method: REG/AUD; 3 credits
0101 W.....1:00pm- 3:30pm (JMZ 3207) Oster, R

GERM798 (PermReq) Master's Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

0101: Beicken, Peter 0201: Best, Otto
0301: Bilik, Dorothy 0401: Fagan, Sarah
0501: Fleck, Jere 0601: Frederiksen, Elke
0701: Herin, Christoph 0801: Oster, Rose-Marie 0901: Pfister, Guenter 1001: Strauch, Gabraele

GERM799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

GERM829 Seminar: The 19th Century: Brief and Briefroman als Literarische Genres; Grade Method: REG/AUD; 3 credits
0101 W.....5:00pm- 7:30pm (JMZ 3207) Frederiksen, E

GERM889 Seminar in Germanic Area Studies: Literatur und Philosophie; Grade Method: REG/AUD; 3 credits
0101 Th.....5:00pm- 7:30pm (JMZ 3203) Best, O

GERM898 (PermReq) Doctoral Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

GERM899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

GREK Greek (Arts and Humanities)

GREK101 Elementary Greek; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Classical and New Testament Greek. For modern Greek, see FOLA. 3 credits
0101 MWF.....9:00am- 9:50am (HBK 1116) Hubbe, R
0201 MWF.....1:00pm- 1:50pm (HJP 1229) Hubbe, R

GREK203 Intermediate Greek (Grammar and Reading); Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....10:00am-10:50am (HBK 1116) Hubbe, R

GREK351 Euripides; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (JRN 1101) Duffy, J

GREK403 Greek Tragedy; Grade Method: REG/P-F/AUD; 3 credits
0101 Time and room to be arranged Stehle, E

GREK488 (PermReq) Greek Readings; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

The following courses in classics have been placed under the CLAS prefix: GREK 290: Greek and Latin Medical Terminology, GREK 309: Special Topics Greek Literature, GREK 370:Greek Literature in Translation. Students seeking information on these courses should consult the Schedule of Classes under CLAS.

GREK603 Greek Tragedy; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Stehle, E

GREK699 (PermReq) Independent Study in Greek Literature; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

---

GVPT Government and Politics (Behavior & Social Sci)

GVPT100 Principles of Government and Politics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 Tu.....2:00pm- 4:45pm (SHM 2101) Oppenheimer, J
0201 TuTh.....8:00am- 9:15am (SHM 2102) Glendening, P

GVPT100H Principles of Government and Politics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Limited to government and politics and general honors students. 3 credits
0101 MW.....2:00pm- 3:15pm (LEF 2123) Alford, C

GVPT170 American Government; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 MWF.....1:00pm- 1:50pm (LEF 2205) STAFF
0201 TuTh.....11:00am-12:15pm (LEF 2205) Vietri, L
0301 TuTh.....1:00pm- 1:50pm (LEF 2205) Marando, V
Th.....2:00pm- 2:50pm (ARM 0117) DIS
0302 TuTh.....1:00pm- 1:50pm (LEF 2205) Marando, V
Th.....3:00pm- 3:50pm (ARM 0117) DIS
0303 TuTh.....1:00pm- 1:50pm (LEF 2205) Marando, V
F.....1:00pm- 1:50pm (MRH 0108) DIS
0304 TuTh.....1:00pm- 1:50pm (LEF 2205) Marando, V
F.....2:00pm- 2:50pm (TYD 2106) DIS
0305 TuTh.....1:00pm- 1:50pm (LEF 2205) Marando, V
F.....12:00pm-12:50pm (LEF 1220) DIS
0306 TuTh.....1:00pm- 1:50pm (LEF 2205) Marando, V
M.....9:00am- 9:50am (HJP 1229) DIS
0307 TuTh.....1:00pm- 1:50pm (LEF 2205) Marando, V
M.....10:00am-10:50am (LEF 2123) DIS
0308 TuTh.....1:00pm- 1:50pm (LEF 2205) Marando, V
M.....12:00pm-12:50pm (LEF 1208) DIS

GVPT210 Introduction to Public Administration and Policy; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (TYD 1101) STAFF
0201 TuTh.....2:00pm- 3:15pm (TYD 1101) STAFF

GVPT220 Introduction to Political Behavior; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 MWF.....11:00am-11:50am (TYD 1101) STAFF

GVPT231 Law and Society; Grade Method: REG/P-F/AUD; See "What's New and Interesting." 3 credits
0101 TuTh.....9:30am-10:45am (LEF 2166) McIntosh, W

GVPT240 Political Ideologies; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....12:00pm-12:50pm (TYD 1102) STAFF
0201 TuTh.....11:00am-12:15pm (HJP 2242) STAFF

GVPT260 State and Local Government; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (JMZ 0105) STAFF

GVPT273 Introduction to Environmental Politics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 TuTh.....9:30am-10:45am (TYD 1102) Pirages, D

GVPT280 Comparative Politics and Governments; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (TYD 1101) STAFF

GVPT282 The Government and Politics of the Third World; Grade Method: REG/P-F/AUD; See "What's New and Interesting." 3 credits
0101 MWF.....1:00pm- 1:50pm (LEF 2208) Lanning, E

GVPT300 International Political Relations; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 TuTh.....1:00pm- 1:50pm (SHM 2101) Phillips, W
Tu.....9:00am- 9:50am (JMZ 3203) DIS
0102 TuTh.....1:00pm- 1:50pm (SHM 2101) Phillips, W
Th.....9:00am- 9:50am (EDU 1203) DIS
0103 TuTh.....1:00pm- 1:50pm (SHM 2101) Phillips, W
Tu.....10:00am-10:50am (JMZ 0118) DIS
0104 TuTh.....1:00pm- 1:50pm (SHM 2101) Phillips, W
Th.....10:00am-10:50am (JMZ 0118) DIS
0105 TuTh.....1:00pm- 1:50pm (SHM 2101) Phillips, W
Tu.....11:00am-11:50am (JMZ 0122) DIS
0106 TuTh.....1:00pm- 1:50pm (SHM 2101) Phillips, W
Th.....11:00am-11:50am (JRN 1103) DIS
0107 TuTh.....1:00pm- 1:50pm (SHM 2101) Phillips, W
Tu.....2:00pm- 2:50pm (TAA 1122) DIS
0108 TuTh.....1:00pm- 1:50pm (SHM 2101) Phillips, W
Th.....2:00pm- 2:50pm (ARM 0118) DIS
0109 TuTh.....1:00pm- 1:50pm (SHM 2101) Phillips, W
F.....9:00am- 9:50am (HZF 1108) DIS
0110 TuTh.....1:00pm- 1:50pm (SHM 2101) Phillips, W
F.....10:00am-10:50am (HZF 1108) DIS
0111 TuTh.....1:00pm- 1:50pm (SHM 2101) Phillips, W
F.....11:00am-11:50am (MHH 3418) DIS
0201 M.....2:00pm- 4:45pm (LEF 2166) Quester, G

GVPT306 Global Ecopolitics; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (LEF 2166) Pirages, D

GVPT341 Political Morality and Political Action; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMZ 0105) Glass, J

GVPT376A Applied Field Research in Government and Politics; Grade Method: REG/P-F/AUD; Limited to Capitol Hill Interns. 6 credits
0101 Time and room to be arranged Lanning, E

GVPT376B Applied Field Research in Government and Politics; Grade Method: REG/P-F/AUD; Limited to Administrative Interns. 6 credits
0101 Time and room to be arranged Vietri, L

GVPT377A Seminar For Academic Interns; Grade Method: REG/P-F/AUD; Limited to Capitol Hill Interns. 3 credits
0101 W.....3:30pm- 6:15pm (LEF 2138H) Lanning, E

GVPT377B Seminar For Academic Interns; Grade Method: REG/P-F/AUD; Limited to Administrative Interns. 3 credits
0101 W.....3:30pm- 6:15pm (LEF 2176) Vietri, L

GVPT386 Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Permission of instructor. 1-3 credits

GVPT387 Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Permission of instructor. 1-3 credits

GVPT388 Topical Investigations; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Permission of Director of Undergraduate Studies. 3 credits

GVPT392H Honors Seminar in Public Law and Political Theory; Grade Method: REG/P-F/AUD; Limited to government and politics and general honors students. 3 credits
0101 W.....3:30pm- 6:15pm (LEF 2123) Soltan, K

GVPT393H (PermReq) Honors Seminar in Public Policy, Political Behavior, and Methodology; Grade Method: REG; Limited to government and politics and general honors students. 3 credits
0101 Th.....2:00pm- 4:40pm (LEF 2123) Uslaner, E

GVPT396 (PermReq) Introduction to Political Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

GVPT397 (PermReq) Honors Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

GVPT399A Seminar in Government and Politics: Politics of International Economic Relations; Grade Method: REG/P-F/AUD; See "What's New and Interesting." 3 credits
0101 TuTh.....2:00pm- 3:15pm (LEF 1221) Kaminski, B

GVPT399B Seminar in Government and Politics: The Politics and Foreign and Economic Policies of Japan; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (LEF 1221) McNelly, T

GVPT399C (PermReq) Seminar in Government and Politics: Diplomatic Communication and Translation; Grade Method: REG/P-F/AUD; 3 credits
0101 Time and room to be arranged STAFF

GVPT399H (PermReq) Seminar in Government and Politics: Human Rights in U.S. Domestic and Foreign Policy; Grade Method: REG; Limited to government and politics and general students. 3 credits
0101 Th.....2:00pm- 4:40pm (LEF 2138H) Claude, R

GVPT402 International Law; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (LEF 2166) Piper, D

GVPT412 Public Financial Administration; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (CHE 2108) Ranald, R

GVPT429 Problems in Political Behavior: Modern Soviet Approaches to Planning, Modeling, and Control of Large Social Systems; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....2:00pm- 3:15pm (LEF 2208) Manukian, E

GVPT431 Introduction to Constitutional Law; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (LEF 2208) McCarrick, E

GVPT432 Civil Rights and the Constitution; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; See "What's New and Interesting." 3 credits
0101 TuTh.....11:00am-12:15pm (LEF 2166) Claude, R

GVPT433 The Judicial Process; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (ARM 0112) McIntosh, W

GVPT436 The Legal Status of Women; Grade Method: REG/P-F/AUD; See "What's New and Interesting." 3 credits
0101 MWF.....11:00am-11:50am (TYD 1102) McCarrick, E

GVPT441 History of Political Theory: Ancient and Medieval; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 MWF.....12:00pm-12:50pm (LEF 2166) STAFF

GVPT442 History of Political Theory--Medieval to Recent; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0201 TuTh.....2:00pm- 3:15pm (LEF 2166) Terchek, R

GVPT450 Comparative Study of Foreign Policy Formation; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (LEF 2208) STAFF

GVPT451 Foreign Policy of the U.S.S.R.; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (LEF 2166) Dawisha, K

GVPT453 Recent East Asian Politics; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (ARC 1105) Hsueh, C

GVPT457 American Foreign Relations; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; See "What's New and Interesting." 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 0105) Bobrow, D

GVPT460 State and Local Administration; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (COL 3109) Reeves, M

GVPT461 Metropolitan Administration; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....8:00am- 9:15am (LEF 1201) Marando, V

GVPT474 Political Parties; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (TYD 1101) Conway, M

GVPT475 The Presidency and the Executive Branch; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (TYD 1101) Davidson, R

GVPT479A Problems of American Public Policy: Politics of the Vietnam War; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....2:00pm- 4:45pm (HBK 4205) Vietri, L

GVPT480 Comparative Political Systems; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (TYD 1102) Heisler, M

GVPT481 Government and Administration of the Soviet Union; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....6:30pm- 9:15pm (LEF 2208) STAFF

GVPT485 Government and Politics of the Middle East; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....2:00pm- 4:45pm (LEF 2166) Azar, E

GVPT622 Quantitative Methods For Political Science; Grade Method: REG/AUD; 3 credits
0101 M.....6:30pm- 9:15pm (LEF 2138H) STAFF

GVPT700 Scope and Method of Political Science; Grade Method: REG/AUD; 3 credits
0101 W.....3:30pm- 6:15pm (LEF 1179) STAFF

GVPT708 Seminar in International Relations Theory: Basic Field Seminar for Graduate Students; Grade Method: REG/AUD; 3 credits
0101 Tu.....3:30pm- 6:15pm (LEF 2138H) Phillips, W

GVPT722 Advanced Quantitative Methods For Political Science; Grade Method: REG/AUD; 3 credits
0101 Tu.....6:30pm- 9:15pm (LEF 1210) STAFF

GVPT730 Methods of Formal Political Theory; Grade Method: REG/AUD; 3 credits
0101 Th.....6:30pm- 9:15pm (LEF 2138H) STAFF

GVPT741 Political Theory; Grade Method: REG/AUD; See "What's New and Interesting." 3 credits
0101 W.....7:00pm- 9:45pm (LEF 2123) STAFF

GVPT750 Policy Evaluation; Grade Method: REG/AUD; See "What's New and Interesting." 3 credits
0101 Tu.....3:30pm- 6:15pm (LEF 2123) Bobrow, D

GVPT770 Seminar in American Political Institutions; Grade Method: REG/AUD; See "What's New and Interesting." 3 credits
0101 Tu.....6:30pm- 9:15pm (LEF 2138H) Uslaner, E

GVPT799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

GVPT802 Seminar in International Law; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:45pm (LEF 2176) Piper, D

GVPT808A Selected Topics in Functional Problems in International Relations: Comparitive Security Policy; Grade Method: REG/AUD; 3 credits
0101 Tu.....3:30pm- 6:15pm (LEF 2138) Heisler, M

GVPT808B Selected Topics in Functional Problems in International Relations: International Political Economy; Grade Method: REG/AUD; 3 credits
0101 Th.....6:30pm- 9:15pm (LEF 2123) Kaminski, B

GVPT808C Selected Topics in Functional Problems in International Relations: Conflict, Crisis, and War; Grade Method: REG/AUD; 3 credits
0101 M.....3:30pm- 6:15pm (LEF 2123) Wilkenfeld, J

GVPT812 Seminar in Public Financial Administration; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm- 9:45pm (LEF 2138) Ranald, R

GVPT828 Selected Problems in Political Behavior: The State and Economy; Grade Method: REG/AUD; 3 credits
0101 Tu.....7:00pm- 9:45pm (LEF 2176) Soltan, K

GVPT838 Topics in Formal Political Theory; Grade Method: REG/AUD; 3 credits
0101 Th.....3:30pm- 6:15pm (LEF 1210) STAFF

GVPT846 Theories of Democracy; Grade Method: REG/AUD; 3 credits
0101 Tu.....3:30pm- 6:15pm (LEF 1210) Terchek, R

GVPT848 Current Problems in Political Theory: Theories of Democracy; Grade Method: REG/AUD; 3 credits
0101 Tu.....6:30pm- 9:15pm (LEF 2138) Glass, J

GVPT868 Problems of State and Local Government: State Institutions in the Policy Making Process; Grade Method: REG/AUD; 3 credits
0101 Tu.....3:30pm- 6:15pm (TYD 2140) Reeves, M

GVPT869 Seminar in Urban Administration: Urban Public Policy Making; Grade Method: REG/AUD; 3 credits
0101 Tu.....7:00pm- 9:45pm (LEF 1208) Stone, C

GVPT874 Seminar in Political Parties and Politics; Grade Method: REG/AUD; 3 credits
0101 Tu.....3:30pm- 6:15pm (LEF 2176) Conway, M

GVPT878 Problems in American Government and Politics: The American Presidency; Grade Method: REG/AUD; 3 credits
0101 Th.....3:30pm- 6:15pm (LEF 2138) Davidson, R

GVPT882 The Government and Politics of Japan; Grade Method: REG/AUD; 3 credits
0101 Th.....6:30pm- 9:15pm (LEF 2176) McNelly, G

GVPT883 Comparative Governmental Institutions: Asia; Grade Method: REG/AUD; 3 credits
0101 Tu.....6:30pm- 9:15pm (LEF 2123) Hsueh, C

GVPT888 Selected Topics in Comparative Governmental Institutions: Power and Political Change in the Modern State; Grade Method: REG/AUD; 3 credits
0101 W.....7:00pm- 9:45pm (LEF 1210) Stone, C

GVPT889A Selected Topics in Area Problems in International Relations: Soviet Foreign Policy; Grade Method: REG/AUD; 3 credits
0101 W.....3:30pm- 6:15pm (LEF 2138) Dawisha, K

GVPT889B Selected Topics in Area Problems in International Relations: The Analysis of Protracted Social Conflict in the International System; Grade Method: REG/AUD; 3 credits
0101 Th.....3:30pm- 6:15pm (LEF 2176) Azar, E

GVPT898 (PermReq) Readings in Government and Politics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Permission of director of graduate studies. 3 credits

GVPT899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

HEBR Hebrew (Arts and Humanities)

Students who have no knowledge of Hebrew should register for HEBR 111. Students who have studied Hebrew elsewhere are required to consult Mrs. Liberman for courses HEBR 211 and 212 or consult Professor Berlin on questions of placement above the HEBR 212 level.

HEBR111 Elementary Hebrew I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; For beginners. This course meets six hours per week for 6 credits. 6 credits
0101 MWF.....9:00am-11:00am (JMZ 2117) Liberman, E
0201 MWF.....11:00am- 1:00pm (JMZ 0120) Liberman, E
0301 MWF.....9:00am-11:00am (HZF 1106) Peleg, C
0401 MWF.....9:00am-11:00am (HZF 1101) Shiffer, R

HEBR211 Intermediate Hebrew I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 6 credits
0101 MWF.....9:00am-11:00am (COL 3112) Levy, N

HEBR231 Jewish Literature in Translation; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 Tu.....2:00pm- 4:30pm (COL 0102) Mintz, A

HEBR298B Special Topics in Jewish Studies: Faith and Authority in Judaism; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 2117) Manekin, C

HEBR313 Conversation and Composition I; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 2117) Manekin, C

HEBR333 Hebrew Civilization (In English); Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 W.....2:00pm- 4:30pm (JMZ 2123) Berlin, A

HEBR381 Advanced Conversation and Composition; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (JMZ 2117) Levy, N

HEBR386 Field Work; Grade Method: REG/P-F/AUD; 1-3 credits
0101 Time and room to be arranged Liberman, E

HEBR387 Field Work Analysis; Grade Method: REG/P-F/AUD; 1-3 credits
0101 Time and room to be arranged Liberman, E

HEBR442 Classical Hebrew Literature; Grade Method: REG/P-F/AUD; Prerequisite: HEBR 212 or equivalent. 3 credits
0101 M.....2:00pm- 4:30pm (JMZ 2123) Berlin, A

HEBR498B Special Topics in Hebrew: Issues in Jewish Ethics and Law; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 2208) Manekin, C

HEBR498I (PermReq) Special Topics in Hebrew; Grade Method: REG; 3 credits
0101 Time and room to be arranged Levy, N

HESP Hearing and Speech Sciences (Behavior & Social Sci)

HESP120 Introduction to Linguistics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 TuTh.....11:00am-12:15pm (LEF 1201) STAFF

HESP202 Introduction to Hearing and Speech Sciences; Grade Method: REG/P-F/AUD; Hearing and speech majors and non-majors. Course chairman: McCall, Gerald. 3 credits
C101 MWF.....9:00am- 9:50am (LEF 2205) STAFF

HESP300 Introduction to Psycholinguistics; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (LEF 1201) Ratner, N

HESP305 Anatomy and Physiology of the Speech Mechanism; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Course chairman; McCall, Gerald. 3 credits
0101 MWF.....11:00am-11:50am (LEF 2208) STAFF

HESP386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

HESP387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

HESP400 Speech and Language Development in Children; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (LEF 2208) Yeni-Komshian,

HESP406 Speech Pathology III; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (LEF 1222) Dingwall, W

HESP407 Bases of Hearing Science; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....3:30pm- 6:00pm (LEF 0135) STAFF

HESP411 Introduction to Audiology; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (LEF 1201) Baker, D

HESP417 Principles and Methods in Speech-Language Pathology and Audiology; Grade Method: REG/P-F/AUD; 3 credits
0101 MF.....1:00pm- 1:50pm (LEF 1201) McCabe, M
W.....12:00pm- 1:50pm (LEF 1201)

HESP498 Seminar: Sign Language for the Professional; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....8:00am- 9:15am (LEF 0135) Jensema, C

HESP499 (PermReq) Independent Study: Topics in the Hearing and Speech Sciences; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

HESP604 Acoustical and Perceptual Phonetics; Grade Method: REG/AUD; 3 credits
0101 M.....3:30pm- 6:00pm (LEF 0135) Yeni-Komshian,

HESP606 Basic Hearing Measurements; Grade Method: REG/AUD; 3 credits
0101 F.....1:00pm- 3:30pm (LEF 0135) Gordon-Salant,

HESP616 Language Disorders of Children; Grade Method: REG/AUD; 3 credits
0101 Tu.....1:00pm- 3:30pm (LEF 0135) Roth, F

HESP622 Neuromotor Disorders of Speech; Grade Method: REG/AUD; 3 credits
0101 M.....1:00pm- 3:30pm (LEF 0135) Dingwall, W

HESP624 Voice Disorders; Grade Method: REG/AUD; 3 credits
0101 Th.....1:00pm- 3:30pm (LEF 0135) McCall, G

HESP626 Language Disorders and Learning Disabilities; Grade Method: REG/AUD; 3 credits
0101 Th.....9:30am-12:00pm (LEF 0135) Roth, F

HESP630 Electrophysiological Measurements; Grade Method: REG/AUD; 3 credits
0101 W.....3:30pm- 6:00pm (LEF 0135) Baker, D

HESP638 (PermReq) Minor Research Problems; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

HESP648A Clinical Practice in Speech: Diagnostic 1-3 credits

Procedures; Grade Method: REG/AUD; Course chairman - Roth, Froma.
0101 Time and room to be arranged — Patrick, S

HESP648B Clinical Practice in Speech: Rehabilitation Procedures; Grade Method: REG/AUD; Course chairman - Roth. — 1-3 credits
0101 F.....12:00pm- 1:00pm (LEF 0135) — Patrick, S
0102 F.....12:00pm- 1:00pm (LEF 0135) — Cuyjet, C
0103 F.....12:00pm- 1:00pm (LEF 0135) — STAFF
0104 F.....12:00pm- 1:00pm (LEF 0135) — STAFF

HESP649A Clinical Practice in Audiology: Diagnostic Audiology; Grade Method: REG/AUD; Course chairman - Gordon-Salant. — 1-3 credits
0101 Time and room to be arranged — McCabe, M
0201 Time and room to be arranged — Smallets, S

HESP649B Clinical Practice in Audiology: Aural Rehabilitation; Grade Method: REG/AUD; Course chairman - Gordon-Salant. — 1-3 credits
0101 Time and room to be arranged — STAFF

HESP702 Diagnostic Procedures in Speech Pathology; Grade Method: REG/AUD; — 3 credits
0101 W.....1:00pm- 3:30pm (LEF 0135) — Ratner, N

HESP706 Advanced Clinical Audiology; Grade Method: REG/AUD; — 3 credits
0101 Th.....3:30pm- 6:00pm (LEF 0135) — Gordon-Salant,

HESP708 (PermReq) Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

HESP728 Advanced Clinical Practice in Speech: Advanced Graduate Laboratory Practicum in Speech-Language Pathology; Grade Method: REG/AUD; — 1-8 credits
0101 Time and room to be arranged — Patrick, S

HESP729 Advanced Clinical Practice in Audiology: Advanced Graduate Laboratory Practicum in Audiology; Grade Method: REG/AUD; — 1-8 credits
0101 Time and room to be arranged — McCabe, M

HESP799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

HESP899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

HISP Historic Preservation (Architecture)

HISP600 Seminar in Historic Preservation; Grade Method: REG/AUD; — 3 credits
0101 M.....6:00pm- 8:00pm (ARC 1105) — STAFF
Time and room to be arranged DIS

HISP700 Final Seminar in Historic Preservation; Grade Method: REG/AUD; — 3 credits
0101 Time and room to be arranged — STAFF
Time and room to be arranged DIS

HIST History (Arts and Humanities)

HIST106 American Jewish Experience; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (KEY 0103) — Rozenblit, M

HIST130 The Ancient World; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussion section will be assigned at first lecture. — 3 credits
0101 TuTh.....1:00pm- 1:50pm (KEY 0106) — Holum, K
Time and room to be arranged DIS

HIST131 The Medieval World; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussion section will be assigned at first lecture. — 3 credits
0101 TuTh.....11:00am-11:50am (KEY 0106) — Bedos-Rezak, B
Time and room to be arranged DIS

#HIST132 The Rise of the West: 1500--1789; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussion section will be assigned at first lecture. — 3 credits
0101 MW.....12:00pm-12:50pm (KEY 0103) — Williams, W
Time and room to be arranged DIS

#HIST133 Modern Europe: 1789 - Present; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussion section will be assigned at first lecture. — 3 credits
0101 MW.....11:00am-11:50am (KEY 0102) — Matossian, M
Time and room to be arranged DIS
0201 TuTh.....10:00am-10:50am (KEY 0102) — Harris, J
Time and room to be arranged DIS

HIST156 History of the United States to 1865; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussion sections will be assigned at first lecture. — 3 credits
0101 TuTh.....2:00pm- 2:50pm (KEY 0106) — McCusker, J
Time and room to be arranged DIS
0201 MW.....1:00pm- 1:50pm (KEY 0106) — Bradbury, M
Time and room to be arranged DIS
0301 TuTh.....10:00am-10:50am (KEY 0106) — Farrell, R
Time and room to be arranged DIS
0401 MW.....10:00am-10:50am (KEY 0106) — Berlin, I
Time and room to be arranged DIS
0501 MW.....9:00am- 9:50am (KEY 0106) — Grimsted, D
Time and room to be arranged DIS

#HIST157 History of the United States Since 1865; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits
0101 MW.....11:00am-11:50am (KEY 0103) — Moss Jr., A
Time and room to be arranged DIS
0201 MW.....1:00pm- 1:50pm (KEY 0102) — Ridgway, W
Time and room to be arranged DIS
0301 TuTh.....9:00am- 9:50am (KEY 0102) — Olson, K
Time and room to be arranged DIS
0401 TuTh.....12:00pm-12:50pm (KEY 0102) — Nicklason, F
Time and room to be arranged DIS

HIST201 Science and Technology in World History: Space/Time/Man/Woman; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussion section will be assigned at first lecture. — 3 credits
0101 MW.....12:00pm-12:50pm (KEY 0106) — Friedel, R
Time and room to be arranged DIS

HIST210 Women in America to 1880; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussion sections will be assigned at first lecture. — 3 credits
0101 TuTh.....11:00am-11:50am (KEY 0102) — Gullickson, G
Time and room to be arranged DIS

HIST219B Special Topics in History: Military History in Films; Grade Method: REG/P-F/AUD; — 3 credits
0201 M.....3:00pm- 5:00pm (KEY 0106) — Sumida, J
W.....3:00pm- 6:00pm (KEY 0106) DIS

HIST224 Modern Military History, 1494-1815; Grade Method: REG/P-F/AUD; Discussion sections will be assigned at first lecture. — 3 credits
0101 MWF.....10:00am-10:50am (KEY 0116) — Sumida, J

HIST234 History of Britain to 1485; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussion sections will be assigned at first lecture. — 3 credits
0101 MW.....10:00am-10:50am (KEY 0102) — Cockburn, J
Time and room to be arranged DIS

HIST236 History of Britain 1688 to Present; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussion section assigned at first lecture. — 3 credits
0101 MW.....9:00am- 9:50am (KEY 1117) — Price, R
Time and room to be arranged DIS

HIST255 Afro-American History; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....1:00pm- 1:50pm (KEY 0124) — Moss Jr., A

HIST275 Law and Constitutionalism in American History; Grade Method: REG/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits
0101 TuTh.....11:00am-12:15pm (KEY 1117) — Henretta, J

HIST280 Islamic Civilization; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussion sections will be assigned during the first class session. — 3 credits
0101 MW.....10:00am-10:50am (KEY 1117) — Zilfi, M
Time and room to be arranged DIS

HIST282 History of the Jewish People I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussion section will be assigned at first lecture. — 3 credits
0101 MW.....11:00am-11:50am (KEY 1117) — Goodblatt, D
Time and room to be arranged DIS

HIST284 East Asian Civilization I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 MWF.....12:00pm-12:50pm (KEY 1117) — STAFF

HIST290 African Civilization; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 TuTh.....9:30am-10:45am (KEY 0126) — Perinbam, B

HIST309B Proseminar in Historical Writing: Tudor - Stuart England; Grade Method: REG/P-F/AUD; — 3 credits
0101 Th.....1:00pm- 3:00pm (TLF 0108) — Breslow, M
Time and room to be arranged DIS

HIST309C Proseminar in Historical Writing: 20th Century U.S. Religious History; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....2:00pm- 4:00pm (KEY 0107) — Moss Jr., A
Time and room to be arranged DIS

HIST309D Proseminar in Historical Writing: Jewish History: The Transition To Modernity; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....4:00pm- 6:00pm (KEY 0119) — Rozenblit, M
Time and room to be arranged DIS

HIST309E Proseminar in Historical Writing: East Asian Civilization; Grade Method: REG/P-F/AUD; — 3 credits
0101 W.....4:00pm- 6:00pm (KEY 0120) — STAFF
Time and room to be arranged DIS

HIST309F Proseminar in Historical Writing: Economic Finance: The Military in European History; Grade Method: REG/P-F/AUD; — 3 credits
0101 W.....1:00pm- 3:00pm (JMZ 1123) — Sumida, J
Time and room to be arranged DIS

HIST309I Proseminar in Historical Writing: The Soviet Union; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....12:00pm- 2:00pm (KEY 0107) — Foust, C
Time and room to be arranged DIS

HIST309K Proseminar in Historical Writing: Renaissance and Reformation History; Grade Method: REG/P-F/AUD; — 3 credits
0101 Tu.....2:00pm- 4:00pm (KEY 0107) — STAFF
Time and room to be arranged DIS

HIST312A Crisis and Change in the United States: The Changing Urban Scene; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits
0101 MWF.....9:00am- 9:50am (KEY 0102) — Flack, J

HIST312B Crisis and Change in the United States: Dynamics of Federal Indian Policies; Grade Method: REG/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits
0101 TuTh.....9:30am-10:45am (KEY 0103) — Nicklason, F

#HIST313A Crisis and Change in European Society: Freedom and Authority; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits
0101 MWF.....11:00am-11:50am (KEY 0106) — Eckstein, A

#HIST316A Crisis and Change in Latin America: Slavery and Race Relations in Latin America; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (KEY 1117) — Wright, W

#HIST319B Special Topics in History: Egypt: A History; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (KEY 0121) — Stowasser, K

HIST319C Special Topics in History: Culture and Religion in England; Grade Method: REG/P-F/AUD; — 3 credits
0101 Tu.....3:00pm- 5:00pm (KEY 1118) — Breslow, M

HIST319D Special Topics in History: World War II in Japan and the Pacific; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (KEY 1117) — Mayo, M

#HIST324 Classical Greece; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (KEY 1117) — Holum, K

HIST326 The Roman Republic; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (KEY 0126) — Eckstein, A

#HIST330 Medieval Civilization I; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (KEY 0126) — Bedos-Rezak, B

HIST332 Europe During the Renaissance and Reformation I; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (KEY 0124) — STAFF

#HIST334 The Age of Absolutism, 1600-1715; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (KEY 0107) — Williams, W

HIST336 Europe in the 19th Century, 1815-1919; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (KEY 0126) — Kent, G

HIST341 History of Anti-Semitism; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (KEY 0124) — Harris, J

HIST344 The Russian Revolutions of 1917; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....2:00pm- 3:15pm (KEY 1117) — Foust, C

HIST346 Social and Cultural History of Europe; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (KEY 0119) — Matossian, M

HIST347 History of Crime and Punishment; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....2:00pm- 3:15pm (KEY 0126) — Cockburn, J

HIST351 Social History of Washington, D.C.; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....11:00am-11:50am (KEY 0116) — Flack, J

#HIST360 American Colonial History; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (KEY 0103) — Evans, E

HIST362 The Formative Period in America, 1789-1824; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (KEY 0121) — Bradbury, M

HIST365 The Progressive Period: the United States, 1896-1919; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (KEY 0126) — Harlan, L

HIST367 The United States Since World War II; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....1:00pm- 1:50pm (KEY 1117) — Reichard, G

HIST370 The Jews in Their Homeland in Antiquity; Grade Method: REG/P-F/AUD; — 3 credits
0101 W.....3:00pm- 5:00pm (KEY 0107) — Goodblatt, D
Time and room to be arranged DIS

HIST374 Modern Jewish History I: the Road to Emancipation, 1650-1870; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....2:00pm- 3:15pm (KEY 0124) — Rozenblit, M

HIST390 Middle East I; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (KEY 0121) — Stowasser, K

HIST392 History of the Contemporary Middle East; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....2:00pm- 3:15pm (KEY 0116) — Zilfi, M

HIST395 Honors Colloquium I; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....11:00am- 1:00pm (KEY 2119) — Grimsted, D
Time and room to be arranged DIS

HIST398 Honors Thesis; Grade Method: REG/P-F/AUD; See Director of History Honors program during first week of classes. — 3 credits
0101 Time and room to be arranged — Grimsted, D

HIST402 The Development of Modern Physical Science: From Newton to Einstein; Grade Method: REG/AUD; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (EGR 3140) — Brush, S

HIST407 History of Technology; Grade Method: REG/AUD; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits
0101 MW.....2:00pm- 3:15pm (KEY 0103) — Friedel, R

HIST414 History of European Ideas I; Grade Method: REG/P-F/AUD; — 3 credits
0101 W.....2:00pm- 4:00pm (KEY 2119) — Haber, F
Time and room to be arranged DIS

HIST419B Special Topics in History: Women In Africa; Grade Method: REG/P-F/AUD; — 3 credits
0101 Th.....1:00pm- 3:00pm (KEY 0107) — Perinbam, B
Time and room to be arranged DIS

HIST419D Special Topics in History: Historic Preservation in the Local Area; Grade Method: REG/P-F/AUD; — 3 credits
0401 W.....1:00pm- 3:00pm (KEY 0107) — Flack, J
Time and room to be arranged DIS

HIST419E Special Topics in History: U.S. Film and Society: World War II to Vietnam; Grade Method: REG/AUD; Co-taught: Kolker and Grimsted. — 3 credits
0101 MW.....1:00pm- 3:00pm (TWS 2154) — Kolker, R

HIST419F Special Topics in History: Epidemics and Social Change; Grade Method: REG/P-F/AUD; — 3 credits
0101 Th.....3:00pm- 5:00pm (KEY 0107) — Matossian, M
Time and room to be arranged DIS

HIST424 History of Russia to 1801; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....2:00pm- 3:15pm (KEY 0119) — Yaney, G

HIST430 Tudor England; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (KEY 0116) — Breslow, M

HIST437 Modern France from Napoleon to DeGaulle; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (KEY 0121) — Sutherland, D

HIST452 Diplomatic History of the United States to 1898; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....11:00am-11:50am (KEY 0124) — Cole, W
F.....11:00am-11:50am (KEY 2119) DIS

HIST454 Constitutional History of the United States: From Colonial Origins to 1860; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....2:00pm- 3:15pm (KEY 0117) — Belz, H

HIST458 Selected Topics in Women's History: Victorian Women; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (KEY 0103) — Gullickson, G

HIST462 The Civil War; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (KEY 0116) — STAFF

#HIST463 History of the Old South; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (KEY 0121) — Callcott, G

#HIST471 History of Brazil; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (KEY 0119) — Wright, W

#HIST472 History of the Argentine Republic; Grade Method: REG/P-F/AUD; — 3 credits
0101 Tu.....3:00pm- 5:00pm (KEY 0119) — Wright, W
Time and room to be arranged DIS

#HIST474 History of Mexico and Central America I; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (KEY 0126) — Tenenbaum, B

#HIST480 History of Traditional China; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....2:00pm- 3:15pm (KEY 0121) — STAFF

#HIST482 History of Japan to 1800; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (KEY 0116) — Mayo, M

#HIST600 Historiography; Grade Method: REG/AUD; — 3 credits
0101 Tu.....7:00pm- 9:00pm (KEY 1118) — STAFF
Time and room to be arranged DIS

#HIST601 Methods in Historical Research; Grade Method: REG/AUD; — 3 credits
0101 W.....5:00pm- 7:00pm (KEY 0107) — Weissman, R
Time and room to be arranged DIS

HIST602 General Seminar: American History; Grade Method: REG/AUD; — 3 credits
0101 M.....5:00pm- 7:00pm (KEY 2119) — Belz, H
Time and room to be arranged DIS

#HIST603 General Seminar: European History; Grade Method: REG/AUD; — 3 credits
0101 Tu.....5:00pm- 7:00pm (KEY 2119) — Harris, J
Time and room to be arranged DIS

HIST605 The Teaching of History in Institutions of Higher Learning; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged — Farrell, R

#HIST606 Seminar in the History and Philosophy of Science and Technology; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:00pm- 6:00pm (TLF 0108) — Darden, L
Time and room to be arranged DIS

HIST619A Special Topics in History: France 1770-1792; Old Regime, Revolution and Terror; Grade Method: REG/AUD; Course will be taught off campus. — 3 credits
0101 Tu.....7:00pm- 9:00pm (Arranged) — Sutherland, D
Time and room to be arranged DIS

HIST619B (PermReq) Special Topics in History: Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

HIST619D Special Topics in History: Readings in Greek History: the City States; Grade Method: REG/AUD; — 3 credits
0101 Tu.....7:00pm- 9:00pm (KEY 2119) — Holum, K
Time and room to be arranged DIS

HIST628 Readings in Colonial American History; Grade Method: REG/AUD; — 3 credits
0101 Th.....5:00pm- 7:00pm (KEY 1118) — Evans, E
Time and room to be arranged DIS

HIST638 Readings in the Middle Period and Civil War; Grade Method: REG/AUD; — 3 credits
0101 M.....4:00pm- 6:00pm (KEY 0107) — Ridgway, W
Time and room to be arranged DIS

HIST648 Readings in Recent American History: Civil Rights Movement; Grade Method: REG/AUD; — 3 credits
0101 W.....4:00pm- 6:00pm (KEY 2119) — Harlan, L
Time and room to be arranged DIS

HIST669 Readings in the Economic History of the United States; Grade Method: REG/AUD; — 3 credits
0101 Th.....6:00pm- 8:00pm (KEY 2119) — McCusker, J
Time and room to be arranged DIS

HIST679 Readings in the History of American Foreign Policy; Grade Method: REG/AUD; — 3 credits
0101 W.....7:00pm- 9:00pm (KEY 2119) — Cole, W
Time and room to be arranged DIS

HIST689 Readings in Southern History; Grade Method: REG/AUD; — 3 credits
0101 Tu.....3:00pm- 5:00pm (KEY 2119) — Callcott, G
Time and room to be arranged DIS

HIST718 Readings in Medieval History; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:00pm- 6:00pm (KEY 0107) — Bedos-Rezak, B
Time and room to be arranged DIS

HIST729 Readings in Modern European History; Grade Method: REG/AUD; — 3 credits
0101 Th.....3:00pm- 5:00pm (KEY 1118) — Kent, G
Time and room to be arranged DIS

HIST759 Readings in Russian History; Grade Method: REG/AUD; — 3 credits
0101 W.....7:00pm- 9:00pm (KEY 1118) — Yaney, G
Time and room to be arranged DIS

HIST779 Readings in Middle Eastern History; Grade Method: REG/AUD; — 3 credits
0101 Time and room to be arranged — Stowasser, K

HIST799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

HIST848 Seminar in Modern European History; Grade Method: REG/AUD; — 3 credits
0101 Time and room to be arranged — Kent, G

HIST855 Seminar in Modern European Intellectual History; Grade Method: REG/AUD; — 3 credits
0101 M.....4:00pm- 6:00pm (KEY 1118) — Haber, F
Time and room to be arranged DIS

HIST857 Seminar in the Social and Cultural History of Europe; Grade Method: REG/AUD; — 3 credits
0101 M.....6:00pm- 8:00pm (KEY 0107) — Weissman, R
Time and room to be arranged DIS

HIST879 Seminar in the American Revolution and Formative Period; Grade Method: REG/AUD; — 3 credits
0101 W.....5:00pm- 7:00pm (KEY 1118) — Hoffman, R
Time and room to be arranged DIS

HIST892 Seminar in American Social History; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:00pm- 6:00pm (KEY 2119) — Henretta, J

HIST898 Seminar in Recent American History; Grade Method: REG/AUD; — 3 credits
0101 Tu.....5:00pm- 7:00pm (KEY 1118) — Olson, K
Time and room to be arranged DIS

HIST899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

HLTH Health (Phys Ed, Recr, & Health)

HLTH105 Science and Theory of Health; Grade Method: REG/P-F/AUD; — 2 credits
0101 TuTh.....10:00am-10:50am (PRH 1303) — Hyde, D

HLTH106 Drug Use and Abuse; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (PRH 1312) — STAFF
0201 TuTh.....8:00am- 9:15am (PRH 1312) — STAFF
0301 Th.....7:00pm- 9:40pm (PRH 1312) — Thomas, S

HLTH140 Personal and Community Health; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (PRH 0308) — STAFF
0201 MWF.....11:00am-11:50am (PRH 0308) — STAFF
0301 TuTh.....12:30pm- 1:45pm (PRH 0308) — STAFF
0401 TuTh.....11:00am-12:15pm (PRH 0308) — Mann, P
0501 TuTh.....2:00pm- 3:15pm (PRH 0302) — STAFF

HLTH150 First Aid and Emergency Medical Services; Grade Method: REG/P-F/AUD; — 2 credits
0101 M.....8:00am- 9:40am (PRH 0302) — Ramsey, S
0201 W.....8:00am- 9:40am (PRH 0302) — Ramsey, S
0301 M.....10:00am-11:40am (PRH 0302) — Ramsey, S
0401 Tu.....8:00am- 9:40am (PRH 0302) — STAFF
0501 Th.....8:00am- 9:40am (PRH 0302) — STAFF
0601 W.....10:00am-11:40am (PRH 0302) — Ramsey, S

HLTH230 Introduction to Health Behavior; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (PRH 0308) — Hyde, D

HLTH270 Safety Education; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....12:00pm-12:50pm (COL 0113) — STAFF
0201 MWF.....1:00pm- 1:50pm (COL 0113) — STAFF
0301 TuTh.....11:00am-12:15pm (COL 0113) — STAFF

HLTH285 Controlling Stress and Tension; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits
0101 MW.....11:00am-12:15pm (PRH 1312) — Schiraldi, G
0201 MW.....12:30pm- 1:45pm (PRH 1312) — Schiraldi, G
0301 TuTh.....12:30pm- 1:45pm (PRH 1312) — Allen, R
0401 Tu.....4:15pm- 6:45pm (PRH 1312) — STAFF
0501 W.....4:15pm- 6:45pm (PRH 1312) — Greenberg, J

HLTH340 (PermReq) Curriculum, Instruction and Observation; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....10:00am-10:50am (PRH 0301) — Miller, C
Time and room to be arranged LAB

HLTH371 Communicating Safety and Health; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (COL 0113) — Beck, K

HLTH377 Human Sexuality; Grade Method: REG/P-F/AUD; Students with credit in HLTH 477 not eligible. — 3 credits
0101 MW.....2:00pm- 3:15pm (PRH 1312) — STAFF
0201 W.....7:00pm- 9:45pm (PRH 1312) — Sawyer, R
0301 M.....4:15pm- 6:45pm (PRH 1312) — STAFF

HLTH386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

HLTH387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

HLTH390 Organization and Administration of School Health Programs; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (PRH 0302) — Hollander, R

HLTH450 Health of Children and Youth; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....12:00pm- 1:15pm (PRH 0302) — Miller, C
0201 MW.....2:00pm- 3:15pm (PRH 1301) — Miller, C

HLTH455 Physical Fitness of the Individual; Grade Method: REG/P-F/AUD; Students with credit in HLTH 498B not eligible. — 3 credits
0101 TuTh.....9:30am-10:45am (PRH 0308) — Mann, P

HLTH471 Women's Health; Grade Method: REG/P-F/AUD; For junior and senior women. Others must have permission of instructor. — 3 credits
0101 TuTh.....11:00am-12:15pm (PRH 1302) — Hollander, R

HLTH476 Death Education; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (PRH 1312) — Leviton, D

HLTH487 Adult Health and Developmental Program; Grade Method: REG/P-F/AUD; — 3 credits
0101 Sa.....8:30am- 1:00pm (COL 0100) — Leviton, D

HLTH489 (PermReq) Field Laboratory Projects and Workshop; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

HLTH498C Special Topics in Health: Principles and (PermReq) Methods of Community Health Education; Grade Method: REG/P-F/AUD; — 3 credits
0101 MF.....1:00pm- 1:50pm (PRH 0308) — Thomas, S
W.....1:00pm- 4:00pm (PRH 0308) LAB

HLTH498F Special Topics in Health: Alcohol: Trends and Problems; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (COL 0113) — Clearwater, H

HLTH498M Special Topics in Health: Microcomputer Applications in Health Education; Grade Method: REG/AUD; — 3 credits
0101 W.....4:15pm- 6:45pm (PRH 1304) — Gold, R

HLTH498T Special Topics in Health: Ways of Knowing About Human Stress and Tension; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: HLTH 285. Student must present instructor with unofficial transcript showing proof of taking HLTH 285 at first class meeting. (PermReq) — 3 credits
0101 M.....7:00pm-10:00pm (PRH 0308) — Schiraldi, G

HLTH600 Seminar in Health; Grade Method: REG/AUD; — 1 credit
0101 Meets 09/12/88 - 11/07/88 — Gold, R
M.....4:15pm- 6:00pm (PRH 0308)

HLTH650 Health Problems in Guidance; Grade Method: REG/AUD; Limited to health education majors; others require permission of instructor. — 3 credits
0101 M.....7:00pm- 9:40pm (PRH 0307) — STAFF

HLTH665 Health Behavior I; Grade Method: REG/AUD; Limited to health education majors; others require permission of instructor. — 3 credits
0101 W.....4:15pm- 6:45pm (PRH 0308) — Feldman, R

HLTH688 (PermReq) Special Problems in Health Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

HLTH688T Special Problems in Health Education: Stress and Stress Control; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:15pm- 6:45pm (PRH 0308) — Allen, R

HLTH710 Methods and Techniques of Research; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:15pm- 6:45pm (PRH 0301) — Feldman, R

HLTH730 Problems in Weight Control; Grade Method: REG/AUD; — 3 credits
0101 M.....4:15pm- 6:45pm (PRH 0307) — Mann, P

HLTH780 Applied Principles of Health Education; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:15pm- 6:45pm (PRH 0302) — Greenberg, J

HLTH799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

HLTH899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

HONR Honors (Undergraduate Studies)

All HONR courses are open to students enrolled in General Honors and/or Departmental Honors programs and to others by permission of the Director of General Honors. Detailed descriptions of General Honors seminars can be found in the course description brochure available in the Honor's Office, 0110 Hornbake Library, X2532. All Honors courses require approval prior to registration.

HONR118A (PermReq) Freshman Honors Colloquium: Cultural and Historical: Ways of Seeing; Grade Method: REG; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 W.....1:00pm- 3:30pm (HBK 0108) DIS — Howarth, J

HONR118B (PermReq) Freshman Honors Colloquium: Cultural and Historical: The Anthropology of Good and Evil; Grade Method: REG; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 W.....10:00am-12:30pm (HBK 0108) DIS — Stuart, W

HONR118C (PermReq) Freshman Honors Colloquium: Cultural and Historical: In Search of Ancient Astronomies; Grade Method: REG; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 W.....6:00pm- 9:00pm (HBK 0108) DIS — Carlson, J

HONR128A (PermReq) Freshman Honors Colloquium: Natural Sciences and Mathematics: Geophysics: The Making of The Earth; Grade Method: REG; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; — 3 credits
0101 TuTh.....8:00am- 9:15am (HBK 0108) DIS — Trimble, V

HONR138A (PermReq) Freshman Honors Colloquium: Literature and the Arts: Literature and Madness; Grade Method: REG; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits
0101 M.....12:30pm- 3:00pm (HBK 0123) DIS — Issacs, N

HONR138B (PermReq) Freshman Honors Colloquium: Literature and the Arts: Literature, Landscape and Heritage; Grade Method: REG; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits
0101 Th.....9:30am-12:00pm (HBK 0108) DIS — Scarfo, R

HONR138C (PermReq) Freshman Honors Colloquium: Literature and the Arts: Manuals for Living In Hard Times; Grade Method: REG; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits
0101 Th.....12:30pm- 3:00pm (HBK 0123) — Retallack, J

HONR138D (PermReq) Freshman Honors Colloquium: Literature and the Arts: Breaking the Sound Barrier: Revolutionary Moments in the History of Music and Aesthetics; Grade Method: REG; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits
0101 Th.....3:00pm- 5:30pm (HBK 4210) — Larson, A

HONR148A (PermReq) Freshman Honors Colloquium: Social and Behavioral Sciences: The Science of Behavior: Understanding People; Grade Method: REG; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits
0101 Tu.....12:30pm- 3:15pm (EDU 0114) DIS — Pumroy, D

HONR148B (PermReq) Freshman Honors Colloquium: Social and Behavioral Sciences: Feedback, Information, and Intelligence; Grade Method: REG; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits
0101 M.....3:00pm- 5:30pm (HBK 0123) DIS — Baras, J

HONR148C (PermReq) Freshman Honors Colloquium: Social and Behavioral Sciences: Culture and Gender: Conflict Between the Sexes; Grade Method: REG; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits
0101 Tu.....5:00pm- 7:30pm (HBK 0108) DIS — Tobin, M

HONR148D (PermReq) Freshman Honors Colloquium: Social and Behavioral Sciences: Risk and Responsibility: Working the Land; Grade Method: REG; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Taught by Dr. David Sammons, Distinguished Scholar Teacher. — 3 credits
0101 F.....9:00am-11:30am (HBK 0110A) — Sammons, D

HONR318A (PermReq) Honors Seminar: Cultural and Historical: Vietnam: America's Longest War; Grade Method: REG; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 Tu.....6:00pm- 9:00pm (HBK 0123) DIS — Straw, P

HONR318B Honors Seminar: Cultural and Historical: (PermReq) Apartheid in America: American Indians in American Society; Grade Method: REG; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 Th.....7:00pm- 9:30pm (HBK 0108) — Snipp, C

HONR338A Honors Seminar: Literature and the Arts: (PermReq) Seeing and Hearing: Rival Systems of Knowledge and Value; Grade Method: REG; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits
0101 Tu.....2:00pm- 4:30pm (HBK 0123) DIS — Lawson, L

HONR338B Honors Seminar: Literature and the Arts: (PermReq) Shakespeare and the Politics of Protestant Discourse; Grade Method: REG; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits
0101 W.....1:00pm- 3:30pm (HBK 0123) DIS — Hamilton, D

HONR348A Honors Seminar: Social and Behavioral (PermReq) Sciences: Application of Technology to Societal Problems; Grade Method: REG; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits
0101 F.....9:30am-12:00pm (HBK 0108) DIS — Sullivan, D

HONR348B Honors Seminar: Social and Behavioral (PermReq) Sciences: Alternatives to Violence; Grade Method: REG; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits
0101 W.....7:00pm- 9:30pm (HBK 1116) — McCarthy, C

HONR348C Honors Seminar: Social and Behavioral (PermReq) Sciences: Political Behavior and Methodology: 1988 Elections; Grade Method: REG; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits
0101 Th.....2:00pm- 4:40pm (LEF 2123) — Uslaner, E

HONR368A Honors Seminar: Development of Knowledge: (PermReq) Animal Intelligence; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; Taught by Dr. William Hodos, Distinguished Scholar Teacher. — 3 credits
0101 W.....9:00am-11:30am (HBK 0123) DIS — Hodos, W

HONR368B Honors Seminar: Development of Knowledge: (PermReq) Private Lives: Learning About Maryland's Literature and History through Personal Records; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits
0101 M.....2:00pm- 4:30pm (HBK 0108) DIS — Beauchamp, V

HONR368C Honors Seminar: Development of Knowledge: (PermReq) The Nature of the University; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; Taught by Dr. Robert Berdahl, Distinguished Scholar Teacher. — 3 credits
0101 W.....4:00pm- 6:30pm (HBK 0110A) — Berdahl, R

HONR378A Honors Seminar: Analysis of Human (PermReq) Problems: Biological Principles Applied to Human History; Grade Method: REG; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits
0101 Tu.....9:30am-12:00pm (HBK 0123) DIS — Vermeij, G

HONR378B Honors Seminar: Analysis of Human (PermReq) Problems: Human Rights in U.S. Domestic and Foreign Policy; Grade Method: REG; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits
0101 Th.....2:00pm- 4:40pm (LEF 2138H) — Claude, R

HONR378X Honors Seminar: Analysis of Human (PermReq) Problems: Science, Technology, and Human Values; Grade Method: REG; Meets USP Advanced Studies Analysis of Human Problems requirement; Restricted to students who are members of the Honors Learning Community. HLC students must also register for GVPT 273, HIST 201, and PHIL 140. — 3 credits
0101 W.....4:00pm- 6:30pm (HBK 0123) — STAFF

HONR379 (PermReq) Honors Independent Study; Grade Method: S-F; Individual Instruction course: contact department or instructor to obtain section number. Available only to General Honors students. — 1-6 credits

HONR379A (PermReq) Honors Independent Study: Writing Workshop; Grade Method: S-F; Students may register for more than 3 credits with permission of instructor. Writing workshops may be repeated, for a total of 6 credits, with permission of the instructor. — 3-6 credits
0101 Th.....4:30pm- 7:30pm (HBK 0123) DIS — Retallack, J
0201 F.....10:00am- 1:00pm (HBK 0123) DIS — Retallack, J

HONR386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Must be taken concurrently with HONR 387. — 1-3 credits

HONR387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Must be taken concurrently with HONR 386. — 1-3 credits

---

HORT Horticulture (Agriculture)

HORT160 Introduction to the Art of Landscaping; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits
0101 TuTh.....3:30pm- 4:45pm (HJP 0226) — Hamed, S

HORT201 Environmental Factors and Horticultural Crop Production; Grade Method: REG/P-F/AUD; Prerequisites: BIOL 105 or BOTN 101. — 4 credits
0101 TuTh.....12:30pm- 1:45pm (HZF 1101) — Stutte, G
Tu.....2:00pm- 5:00pm (HAR 1105) LAB

HORT271 Plant Propagation; Grade Method: REG/P-F/AUD; Prerequisite: BIOL 105 or BOTN 101. — 3 credits
0101 TuTh.....11:00am-11:50am (HZF 1102) — Gouin, F
W.....2:00pm- 4:00pm (HAR 1105) LAB
0102 TuTh.....11:00am-11:50am (HZF 1102) — Gouin, F
Th.....2:00pm- 4:00pm (HAR 1105) LAB

HORT361 Principles of Landscape Design; Grade Method: REG/P-F/AUD; Prerequisite: APDS 101 and HORT 260. — 3 credits
0101 Tu.....1:00pm- 4:00pm (HZF 2106) LAB — Gould Jr., W
Th.....1:00pm- 3:00pm (HZF 2106) LAB

HORT386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

HORT387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

HORT398 Seminar; Grade Method: REG/P-F/AUD; Prerequisite: senior standing. Horticulture majors only. — 1 credit
0101 W.....4:00pm- 4:50pm (HZF 0128B) — Hershey, D

HORT399 (PermReq) Special Problems; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 2 credits

HORT422 Vegetable Crop Production; Grade Method: REG/P-F/AUD; Prerequisite: HORT 202. Pre- or corequisite: BOTN 441. — 3 credits
0101 TuTh.....11:00am-12:15pm (HZF 1101) — McClurg, C

HORT453 Woody Plant Materials; Grade Method: REG/P-F/AUD; Prerequisite: BOTN 212. — 3 credits
0101 MF.....1:00pm- 1:50pm (SYM 0200) — Mityga, H
W.....1:00pm- 4:00pm (HZF 0128B) LAB

HORT462 Planting Design; Grade Method: REG/P-F/AUD; Prerequisites: HORT 361 and — 3 credits

either HORT 453 or HORT 454. Co-requisite: HORT 462.
0101 M.....9:00am- 9:50am (HZF 2106) Gould Jr., W
M.....10:00am-12:00pm (HZF 2106) LAB
W.....9:00am-11:00am (HZF 2106) LAB

HORT465 Design of Landscape Structures and Materials; Grade Method: REG/P-F/AUD; Prerequisite: HORT 464. 3 credits
0101 M.....2:00pm- 2:50pm (HZF 1101) Hamed, S
M.....3:00pm- 5:00pm (HZF 2106) LAB
W.....11:00am-12:50pm (HZF 2106) LAB

HORT467 Principles of Landscape Contracting; Grade Method: REG/P-F/AUD; Prerequisite: AREC 306 or AREC 414 and HORT 452. 3 credits
0101 TuTh.....2:00pm- 3:15pm (HZF 1101) Scarfo, R

HORT474 Physiology of Maturation and Storage of Horticultural Crops; Grade Method: REG/P-F/AUD; Prerequisite: BOTN 441. 3 credits
0101 MF.....10:00am-10:50am (HZF 1102) Solomos, T
Th.....1:00pm- 3:50pm (HZF 1125) LAB

HORT689G (PermReq) Special Topics in Horticulture: Advance Physiology of Horticulture Crops; Grade Method: REG/AUD; Prerequisite: HORT 474, BOTN 441. 1-3 credits
0101 MF.....11:00am-12:15pm (HZF 1108) Solomos, T

HORT699 (PermReq) Special Problems in Horticulture; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

HORT782 Chemical Regulation of Growth of Horticultural Plants; Grade Method: REG/AUD; Prerequisite: BOTN 441. 3 credits
0101 TuTh.....8:00am- 9:15am (HZF 1102) Walsh, C

HORT798 Advanced Seminar; Grade Method: REG; 1 credit
0101 Th.....4:00pm- 4:50pm (HZF 0128) Quebedeaux, B

HORT799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

HORT899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

HSAD Housing and Design (Arts and Humanities)

HSAD210 Presentation Techniques I; Grade Method: REG/P-F/AUD; Prerequisite: APDS 103. Interior design majors only. Attendance is mandatory. 3 credits
0101 TuTh.....4:30pm- 7:00pm (MMH 1108) STAFF

HSAD246 Materials of Interior Design; Grade Method: REG/P-F/AUD; Offered fall only. Interior design majors only. Prerequisites: APDS 103 or equivalent. Attendance is mandatory. 3 credits
0101 MWF.....9:00am- 9:50am (MMH 1304) Hoover, B

HSAD251 Housing Issues and Prospects; Grade Method: REG/P-F; 3 credits
0101 TuTh.....8:00am- 9:15am (MMH 0108) Chen, A

HSAD340 Period Homes and Their Furnishings; Grade Method: REG/P-F/AUD; Offered fall only. Prerequisites: APDS 101, HSAD 246. Attendance is mandatory. 3 credits
0101 MW.....4:00pm- 5:15pm (MMH 1400) STAFF

HSAD342 Space Development; Grade Method: REG/P-F/AUD; Interior design majors only. Prerequisites: HSAD 210, HSAD 246. Attendance is mandatory. 3 credits
0101 TuTh.....11:00am- 1:30pm (MMH 1108) LAB Francescato, G

HSAD343 Interior Design I; Grade Method: REG/P-F/AUD; Prerequisite: HSAD 342. Interior design majors only. Attendance is mandatory. 3 credits
0101 MW.....11:00am- 1:30pm (MMH 1108) LAB Hoover, B

HSAD344 Interior Design II; Grade Method: REG/P-F/AUD; Prerequisite: HSAD 343. Interior design majors only. Attendance is mandatory. 3 credits
0101 TuTh.....1:30pm- 4:00pm (MMH 1108) LAB STAFF

HSAD345 Professional Aspects of Interior Design; Grade Method: REG/P-F/AUD; Fall only. Prerequisite: HSAD 343. Interior design majors only. Attendance is mandatory. 3 credits
0101 W.....2:00pm- 3:00pm (MMH 1304) Hoover, B
F.....2:00pm- 3:30pm (MMH 1304)

HSAD362 Ideas in Design; Grade Method: REG/P-F/AUD; Prerequisite: junior standing and completion of Distributive Studies areas A and C. Attendance is mandatory. 3 credits
0101 MW.....2:00pm- 3:15pm (ASY 2309) Bonta, J

HSAD386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Must be taken concurrently with HSAD 387. Portfolio review and written consent of instructor required. 1-3 credits

HSAD387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Must be taken concurrently with HSAD 386. Portfolio review and written consent of instructor required. 1-3 credits

HSAD440 Interior Design III; Grade Method: REG/P-F/AUD; Meets the first 8 weeks. Students must be concurrently enrolled in HSAD 441. Prerequisite: HSAD 344. Interior design majors only. Attendance is mandatory. 4 credits
0101 MWF.....1:30pm- 5:30pm (MMH 1108) Fabiano, F

HSAD441 Interior Design IV; Grade Method: REG/P-F/AUD; Meets second 8 weeks. Scheduled only for students registered concurrently in HSAD 440. Prerequisites: HSAD 344. Interior design majors only. Attendance is mandatory. 4 credits
0101 MWF.....1:30pm- 5:30pm (MMH 1108) Fabiano, F

HSAD488A (PermReq) Selected Topics in Housing and Interior Design: CADD (Computer-Aided Design and Drafting) Interior Design Applications; Grade Method: REG/P-F/AUD; Prerequisite: HSAD 342. Interior design majors only. Attendance is mandatory. 3 credits
0101 Tu.....5:00pm- 7:30pm (MMH 1413A) Eckersley, M
Th.....5:00pm- 7:30pm (MMH 1413A)

HSAD488B (PermReq) Selected Topics in Housing and Interior Design: Interior Design Emphasis; Grade Method: REG/P-F/AUD; Attendance is mandatory. 1-6 credits
0101 Time and room to be arranged STAFF
0301 Time and room to be arranged STAFF
0401 Time and room to be arranged Chen, A

HSAD488G (PermReq) Selected Topics in Housing and Interior Design: Computer Graphics Program; Grade Method: REG/P-F/AUD; Attendance is mandatory. 3 credits
0101 Th.....3:00pm- 4:50pm (MMH 1413A) Gips, C
Tu.....2:00pm- 5:00pm (MMH 1413A) LAB

HSAD488J Selected Topics in Housing and Interior Design: Design, Geometry and Computer; Grade Method: REG/P-F/AUD; Prerequisite: one computer course or permission of instructor. 1-6 credits
0101 W.....10:30am-12:00pm (MMH 1413A) Bonta, J
M.....10:30am- 1:00pm (MMH 1413A) LAB

HSAD499A (PermReq) Individual Study in Housing and/or Interior Design; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3-4 credits

HSAD499B (PermReq) Individual Study in Housing and/or Interior Design; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3-4 credits

HSAD658 Special Topics in Housing and Interior Design: Microcomputers and Housing Analysis; Grade Method: REG/AUD; 3-6 credits
0101 MW.....9:30am-10:45am (Arranged) Chen, A

ITAL Italian (Arts and Humanities)

A booklet fully describing the courses to be offered is available in the office of the Department of French and Italian, Room 3106 of the Juan Ramon Jimenez building.

ITAL101 Elementary Italian I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 4 credits
0101 MTuWF.....9:00am- 9:50am (JMZ 0125) STAFF
0201 MTuWF.....10:00am-10:50am (JMZ 0125) STAFF
0301 MTuWF.....11:00am-11:50am (JMZ 0125) STAFF
0401 MTuWF.....12:00pm-12:50pm (JMZ 0125) STAFF
0501 MTuWF.....1:00pm- 1:50pm (JMZ 0125) STAFF

ITAL102 Elementary Italian II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Open only to those who have completed ITAL 101 or by permission of instructor. 4 credits
0101 MWF.....9:00am- 9:50am (JMZ 0103) STAFF
Th.....9:00am- 9:50am (JMZ 2207)
0201 MWThF.....10:00am-10:50am (JMZ 0122) STAFF

ITAL121 Accelerated Italian I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....10:00am-10:50am (JMZ 0103) Amodeo, S

ITAL121H Accelerated Italian I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Honors. 3 credits
0101 MWF.....10:00am-10:50am (JMZ 0103) Amodeo, S

ITAL203 Intermediate Italian; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 4 credits
0101 MWThF.....11:00am-11:50am (JMZ 0103) STAFF
0201 MWThF.....12:00pm-12:50pm (JMZ 0103) STAFF

ITAL204 Review Grammar and Composition; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 1125) Falvo, G

ITAL251 Introduction to Italian Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 1125) Russell, C

ITAL311 Italian Conversation: Current Events; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (JMZ 1125) Russell, C

ITAL351 Italian Literature From Dante to the Renaissance; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; In Italian. 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 3118) Russell, C

ITAL376 The Italian Opera Libretto; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....10:00am-10:50am (JMZ 2125) Russell, C

ITAL399 (PermReq) Directed Study in Italian; Grade Method: S-F; Individual Instruction course: contact department or instructor to obtain section number. Supervised work under professor of student's choice with consent of instructor. 1-3 credits

ITAL475 Italian Cinema: A Cultural Approach; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....2:00pm- 4:00pm (JMZ 0220) Falvo, G
W.....2:00pm- 4:00pm (JMZ 2102)

ITAL498 Special Topics in Italian Literature: The Italian Opera Libretto; Grade Method: REG/P-F/AUD; Meets one additional hour per week. See department for details. 3 credits
0101 MWF.....10:00am-10:50am (JMZ 2125) Russell, C

ITAL499I Special Topics in Italian Studies: The Italian Cinema in Italian; Grade Method: REG/P-F/AUD; See department for details. Meets one additional hour per week. 3 credits
0101 M.....2:00pm- 4:00pm (JMZ 0220) Falvo, G
W.....2:00pm- 4:00pm (JMZ 2102)

IVSP Individual Studies Program (Undergraduate Studies)

IVSP318 (PermReq) Individual Studies; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-15 credits

IVSP319 (PermReq) Tutorial Report; Grade Method: S-F; Individual Instruction course: contact department or instructor to obtain section number. 1 credit

IVSP320 (PermReq) Bachelor's Report; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

---

JAPN Japanese (Arts and Humanities)

JAPN101 Elementary Japanese I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 6 credits
0101 MWF.....9:00am-11:00am (ARM 0110) Sano, T
MWF.....9:00am-11:00am (ARM 0110) DIS
0102 MWF.....9:00am-11:00am (ARM 0110) Yaginuma, K
MWF.....9:00am-11:00am (ARM 0119) DIS
0103 MWF.....9:00am-11:00am (ARM 0110) Miura, E
MWF.....9:00am-11:00am (ARM 0120) DIS
0201 MWF.....11:00am- 1:00pm (ARM 0119) Sano, T
MWF.....11:00am- 1:00pm (ARM 0119) DIS
0202 MWF.....11:00am- 1:00pm (ARM 0119) Sano, T
MWF.....11:00am- 1:00pm (ARM 0101) DIS

JAPN201 Intermediate Spoken Japanese I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....11:00am-11:50am (JMZ 2120) Yaginuma, K
0201 MWF.....11:00am-11:50am (COL 3112) Miura, E

JAPN202 Intermediate Written Japanese I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 0120) Kerkham, H

JAPN217 Buddhism and Japanese Literature in Translation; Grade Method: REG; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 2120) Kerkham, H

JAPN301 Advanced Japanese I; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 0202) STAFF

JAPN303 Business Japanese I; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 1123) Yaginuma, K

JAPN401 Readings in Modern Japanese I; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 0202) Miura, E

JAPN403 Readings in Classical Japanese; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....4:00pm- 7:00pm (JMZ 1109) Kerkham, H

JAPN418 Japanese Literature in Translation: Modern Japanese Theatre; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 1211) Rimer, T

JAPN499 (PermReq) Directed Study in Japanese; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

JAPN499A Directed Study in Japanese; Grade Method: REG/P-F/AUD; 3 credits
0101 Time and room to be arranged Kerkham, H

JOUR Journalism (Journalism)

JOUR001 Professional Orientation; Grade Method: REG; Co-requisite or prerequisite for JOUR 201. Required for all majors. The notation (I) credit is used only for billing and full-time or part-time status. This course does not carry credit towards any degree at the University. 1 credit
0101 M.....2:00pm- 2:50pm (ASY 2203) Kay, L

JOUR002 Professional Practicum; Grade Method: S-F; Prerequisite: JOUR 396 and permission of instructor. The notation (I) credit is used only for billing and full-time or part-time status. This course does not carry credit towards any degree at the University. 1 credit
0101 TBA (JRN 2114) Kay, L

JOUR100 Introduction to Mass Communication; Grade Method: REG; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Not required for majors; not counted toward JOUR requirements. 3 credits
0101 TuTh.....2:00pm- 3:15pm (ARC 0204) Hiebert, R

JOUR201 Writing For Mass Media; Grade Method: REG; Prerequisites: Provisional admission to major and 30 wpm typing ability; a 5 minute typing test is required prior to registration. It will be offered August 26 and September 2, 2-4 pm, JRN 3103. A proficiency test for applicability of JOUR 201 credit taken at another institution will be given Sept 2, 2-4 pm., in JRN 3102. Register for the proficiency test in JRN 2114. Students must demonstrate grammar competency to pass JOUR 201. Satisfactory performance on a test of language skills (TLS) or Test of Standard Written English (TWSE) is required. Students are advised to take the test of language skills prior to enrolling. Check with department for testing dates and times. Note: students enrolling in JOUR 201 must concurrently enroll for JOUR 001. Majors only. 3 credits
0101 MW.....12:00pm- 2:00pm (JRN 3111) McAdams, K
0201 MW.....10:00am-12:00pm (JRN 3111) Zerbinos, E
0301 TuTh.....8:00am-10:00am (JRN 3111) STAFF
0401 MW.....6:00pm- 8:00pm (JRN 3111) STAFF
0501 TuTh.....10:00am-12:00pm (JRN 3111) STAFF
0601 TuTh.....12:00pm- 2:00pm (JRN 3103) STAFF
0701 MW.....10:00am-12:00pm (JRN 3102) Barkin, S
0801 TuTh.....12:00pm- 2:00pm (JRN 3102) STAFF

JOUR202 Editing For the Mass Media; Grade Method: REG; Prerequisite: a grade of C or better in JOUR 201. Must have at least 28 credits earned. Majors only. 3 credits
0101 MW.....4:00pm- 6:00pm (JRN 1117) STAFF
0201 MW.....10:00am-12:00pm (JRN 1117) Stepp Jr., A
0301 MW.....8:00am-10:00am (JRN 1117) STAFF
0401 MW.....6:00pm- 8:00pm (JRN 3102) STAFF
0501 TuTh.....4:00pm- 6:00pm (JRN 1117) STAFF
0601 TuTh.....8:00am-10:00am (JRN 1117) STAFF
0701 TuTh.....6:00pm- 8:00pm (JRN 1117) STAFF

JOUR320 News Reporting; Grade Method: REG; Prerequisite: a grade of C or better in JOUR 202. Majors only. 3 credits
0101 TuTh.....4:00pm- 6:00pm (JRN 3111) Beasley, M
0201 MW.....4:00pm- 6:00pm (JRN 3103) Gottlieb, A
0301 TuTh.....6:00pm- 8:00pm (JRN 3111) Gottlieb, A
0401 MW.....12:00pm- 2:00pm (JRN 3103) Stepp Jr., A

JOUR321 Advanced Reporting: Public Affairs; Grade Method: REG; Prerequisite: JOUR 320. Majors only. 3 credits
0101 M.....6:00pm- 9:00pm (JRN 1105) Allen, I

JOUR323 Newspaper Editing; Grade Method: REG; Prerequisite: a grade of C or better in JOUR 202 or permission of instructor only. Majors only. 3 credits
0101 Tu.....10:00am-12:00pm (JRN 1103) Stepp Jr., A
Time and room to be arranged LAB

JOUR330 Public Relations Theory; Grade Method: REG; Prerequisite: a grade of C or better in JOUR 201. Open to majors and BMGT 0515A (PRL) and BMGT 05090 (MKT) only. 3 credits
0101 TuTh.....11:00am-12:15pm (JRN 1105) Kelly, K
0201 MWF.....9:00am- 9:50am (JRN 1104) Zerbinos, E

JOUR331 Public Relations Techniques; Grade Method: REG; Prerequisite: a grade of C or better in JOUR 202; and JOUR 330. Majors classified as 0602f only. 3 credits
0101 MW.....2:00pm- 4:00pm (JRN 3103) Grunig, J
0201 MW.....10:00am-12:00pm (JRN 3103) Grunig, J
0301 TuTh.....2:00pm- 4:00pm (JRN 3103) Grunig, L

JOUR333 Organizational Communication in Public Relations; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....1:00pm- 4:00pm (JRN 3102) Zerbinos, E

JOUR340 Advertising Communication; Grade Method: REG; Prerequisite: a grade of C or better in JOUR 201. Open to majors and BMGT 0515A (PRL) and BMGT 05090 (MKT) only. 3 credits
0101 TuTh.....3:30pm- 4:45pm (JRN 1104) Zanot, E

JOUR341 Advertising Techniques; Grade Method: REG; Prerequisites: a grade of C or better in JOUR 202; and 340. Majors classified as 0602A only. 3 credits
0101 TuTh.....2:00pm- 3:15pm (JRN 1117) Zanot, E
0201 MW.....8:00am- 9:15am (JRN 1103) STAFF

JOUR342 Advertising Media Planning; Grade Method: REG; Prerequisite: 340. 3 credits
0101 TuTh.....9:30am-10:45am (JRN 1104) Keenan, K
0201 TuTh.....11:00am-12:15pm (JRN 1104) Keenan, K

JOUR350 Photojournalism; Grade Method: REG; Prerequisite: a grade of C or better in JOUR 201. Student must provide a camera. Materials cost approximately $100. Majors only. 3 credits
0101 M.....9:00am-10:00am (JRN 1105) Roche, J
W.....11:00am-12:00pm (JRN 1105)
M.....10:00am-12:00pm (JRN 2116) LAB
0102 M.....9:00am-10:00am (JRN 1105) Roche, J
W.....11:00am-12:00pm (JRN 1105)
W.....9:00am-11:00am (JRN 2116) LAB

JOUR351 Advanced Photojournalism; Grade Method: REG; 3 credits
0101 W.....2:00pm- 3:00pm (JRN 1103) Roche, J
W.....5:00pm- 6:00pm (JRN 1103)
W.....3:00pm- 5:00pm (JRN 2116) LAB

JOUR360 Broadcast News I; Grade Method: REG; Prerequisite: a grade of C or better in JOUR 202. Additional 3 hours per week required at WMUC. Majors only. 3 credits
0101 MW.....4:00pm- 6:00pm (JRN 3102) Holman, B
0201 WF.....8:00am-10:00am (JRN 3111) Rhodes, C

JOUR361 Broadcast News II; Grade Method: REG; 3 credits
0101 Tu.....2:00pm- 5:00pm (JRN 1116) Barkin, S

JOUR365 Theory of Broadcast Journalism; Grade Method: REG/P-F/AUD; Majors only. 3 credits
0101 TuTh.....12:30pm- 1:45pm (JRN 1104) Levy, M

JOUR371 Magazine Article and Feature Writing; Grade Method: REG; Prerequisite: JOUR 320. Majors only. — 3 credits
0101 TuTh.....12:00pm- 2:00pm (JRN 3111) — Paterson, J
0201 TuTh.....2:00pm- 4:00pm (JRN 3111) — STAFF
0301 MW.....6:00pm- 8:00pm (JRN 3103) — STAFF

JOUR372 Magazine Photography and Illustration; Grade Method: REG; Prerequisite: a grade of C or better in JOUR 201. Not open to students with credit in JOUR 350. Majors only. — 3 credits
0101 M.....2:00pm- 4:00pm (JRN 1103) — Dersin, M
M.....4:00pm- 6:00pm (JRN 2116) LAB

JOUR373 Graphics; Grade Method: REG; Prerequisite: a grade of C or better in JOUR 202. Majors only. — 3 credits
0101 W.....6:00pm-10:00pm (JRN 1117) — Smith, M
0201 M.....6:00pm-10:00pm (JRN 1117) — Smith, M

JOUR396 Supervised Internship; Grade Method: REG; Majors only. Student must have completed JOUR 201 and first course in sequence. Ask in JRN 2114 for meeting time and place. Registration must be approved by instructor no later than Monday, September 12, 1988. — 3 credits
0101 Time and room to be arranged — Kay, L

JOUR398 (PermReq) Independent Study; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

JOUR400 Law of Mass Communication; Grade Method: REG; Must have at least 56 credits earned. — 3 credits
0101 TuTh.....9:30am-10:45am (ASY 2203) — Greenfeld, A

JOUR420 Government and Mass Communication; Grade Method: REG; — 3 credits
0101 MW.....2:00pm- 3:30pm (JRN 1104) — Gurevitch, M

JOUR450 Mass Media in Society; Grade Method: REG; Must have at least 56 credits earned. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (JRN 1105) — Barkin, S

JOUR459A Special Topics in Mass Communication: News Coverage of Racial Issues; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....12:00pm-12:50pm (ASY 2203) — Holman, B

JOUR459J Special Topics in Mass Communication: Legal Issues in Public Relations; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (JRN 1105) — Greenfeld, A

JOUR459K Special Topics in Mass Communication: Literature of Foreign Correspondence; Grade Method: REG; Prerequisite: JOUR 400 or permission of instructor. Must have at least 56 credits earned. — 3 credits
0101 TuTh.....9:30am-10:45am (JRN 1105) — Paterson, J

JOUR477 Mass Communication Research; Grade Method: REG/P-F/AUD; — 3 credits
0101 F.....10:00am- 1:00pm (JRN 1105) — Keenan, K

JOUR487 Literary Journalism; Grade Method: REG; Prerequisite: JOUR 371 or permission of instructor. — 3 credits
0101 W.....4:15pm- 7:00pm (JRN 1104) — Franklin, J

JOUR501 Writing and Editing Reviews; Grade Method: REG/AUD; — 3 credits
0101 M.....2:00pm- 4:00pm (JRN 3111) — McAdams, K
W.....2:00pm- 4:00pm (JRN 3111) LAB

JOUR600 Research Methods in Mass Communication; Grade Method: REG/AUD; — 3 credits
0101 Tu.....6:00pm- 9:00pm (JRN 1116) — Smith, M

JOUR601 Theories of Mass Communication; Grade Method: REG/AUD; Restricted to JOUR and PCOM graduate students. — 3 credits
0101 Th.....3:00pm- 6:00pm (JRN 1116) — Levy, M

JOUR620 Seminar in Public Affairs Reporting; Grade Method: REG/AUD; — 3 credits
0101 M.....1:00pm- 4:00pm (JRN 1116) — Franklin, J

JOUR630 Seminar in Public Relations Management; Grade Method: REG/AUD; — 3 credits
0101 Tu.....9:00am-12:00pm (JRN 1116) — Grunig, L

JOUR698 (PermReq) Special Problems in Communication; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

JOUR720 Seminar in Government and Mass Communication; Grade Method: REG/AUD; — 3 credits
0101 W.....3:00pm- 6:00pm (JRN 1116) — Blumler, J

JOUR730 Seminar in Comparative Mass Communication; Grade Method: REG/AUD; — 3 credits
0101 Th.....6:00pm- 9:00pm (JRN 1116) — Hiebert, R

JOUR740 Seminar in Advertising Communication; Grade Method: REG/AUD; — 3 credits
0101 W.....6:00pm- 9:00pm (JRN 1116) — Zanot, E

JOUR798 (PermReq) Masters Professional Fieldwork; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.. — 2-6 credits

JOUR799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

---

LATN Latin — (Arts and Humanities)

LATN101 Elementary Latin; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 4 credits
0101 MW.....9:00am-10:50am (HZF 1108) — Quattrocki, T
0201 MWF.....1:00pm- 1:50pm (HZF 1108) — Donohue, J
W.....2:00pm- 2:50pm (HZF 1108)
0301 MW.....12:00pm- 1:50pm (HZF 1101) — Quattrocki, T
0401 TuTh.....9:00am-10:50am (HZF 1106) — Haury, A
0501 TuTh.....12:00pm- 2:50pm (HZF 1102) — Haury, A
0601 MWF.....12:00pm-12:50pm (HZF 1106) — Donohue, J
M.....2:00pm- 2:50pm (HZF 1108)

LATN102 Elementary Latin; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 MWF.....11:00am-11:50am (COL 3111) — Hallett, J

LATN203 Intermediate Latin I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 MWF.....11:00am-11:50am (HZF 1106) — Staley, G

LATN351 Horace; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....2:00pm- 2:50pm (JMZ 1109) — Duffy, J

LATN488 (PermReq) Latin Readings; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

LATN490 Survey of Latin Literature; Grade Method: REG/AUD; — 3 credits
0101 Th.....6:00pm- 8:40pm (JMZ 4218) — Rowland, R

LATN620 Archaic Latin; Grade Method: REG/AUD; — 3 credits
0101 Tu.....6:00pm- 8:40pm (JMZ 1211) — Hallett, J

LATN699 Independent Studies in Latin Literature: Independent Study in Latin Language and Literature; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

---

LBSC Library Science — (Library & Info Services)

All courses 600 and above require permission of department. Check course listing for specific restrictions.

LBSC600 (PermReq) Proseminar: the Development and Operation of Libraries and Information Services; Grade Method: REG/AUD; — 3 credits
0101 MW.....9:30am-10:45am (HBK 0109) — Kidd, J
0201 Tu.....5:30pm- 8:15pm (HBK 0109) — Kidd, J

LBSC603 (PermReq) Library Systems Analysis; Grade Method: REG/AUD; — 3 credits
0101 W.....5:30pm- 8:15pm (HBK 0103) — Kidd, J

LBSC611 (PermReq) Archives and Libraries in Western Civilization; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (HBK 0105) — STAFF

LBSC630 (PermReq) Library Administration; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (HBK 0109) — Wasserman, P
0201 Tu.....5:30pm- 8:15pm (HBK 0105) — Phelps, T

LBSC641 (PermReq) Selection and Evaluation of Instructional Media; Grade Method: REG/AUD; — 3 credits
0101 Th.....5:30pm- 8:15pm (HBK 0103) — Neuman, D

LBSC643 (PermReq) Library Media Specialists in Educational Systems; Grade Method: REG/AUD; — 3 credits
0101 W.....5:30pm- 8:15pm (HBK 0105) — Neuman, D

LBSC645 (PermReq) Children's Literature and Materials; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (HBK 0115) — MacLeod, A

LBSC651 (PermReq) Introduction to Reference and Information Services; Grade Method: REG/AUD; — 3 credits
0101 MW.....11:00am-12:15pm (HBK 0105) — White, M
0201 MW.....1:00pm- 2:15pm (HBK 0103) — White, M
0301 W.....5:30pm- 8:15pm (HBK 0109) — Cunningham, W

LBSC671 (PermReq) Organization of Recorded Knowledge; Grade Method: REG/AUD; — 3 credits
0101 MW.....11:00am-12:15pm (HBK 0115) — Jeng, L
0201 MW.....1:00pm- 2:15pm (HBK 0113) — STAFF
0301 M.....5:30pm- 8:15pm (HBK 0115) — STAFF
0401 Th.....5:30pm- 8:15pm (HBK 0115) — STAFF

LBSC675 (PermReq) Introduction to Information Storage and Retrieval (ISAR) Systems; Grade Method: REG/AUD; — 3 credits
0101 Tu.....9:30am-12:15pm (HBK 0103) — Soergel, D

LBSC690 (PermReq) Introduction to Data Processing For Libraries and Information Services; Grade Method: REG/AUD; With additional lab. — 3 credits
0101 Th.....9:30am-12:15pm (HBK 0103) — Soergel, D
0201 Th.....5:30pm- 8:15pm (HBK 0105) — STAFF

LBSC691 (PermReq) Microcomputers in Information Processing; Grade Method: REG/AUD; — 3 credits
0101 MW.....11:00am-12:15pm (HBK 0109) — Marchionini, G

LBSC707 (PermReq) Field Study in Library Service; Grade Method: REG/AUD; Prerequisites: LBSC 600, 651, 671, 690 or 691, and permission of instructor. — 3 credits
0101 Time and room to be arranged — Wilson, W

LBSC708B (PermReq) Special Topics in Library and Information Service: Community Information Services; Grade Method: REG/AUD; — 3 credits
0101 W.....5:30pm- 8:15pm (HBK 4115) — Aversa, E

LBSC708J (PermReq) Special Topics in Library and Information Service: Library Personnel Management and Communication; Grade Method: REG/AUD; — 3 credits
0101 Th.....9:30am-12:15pm (HBK 4113) — MacLeod, A

LBSC708P (PermReq) Special Topics in Library and Information Service: Inventing and Designing Information Products and Services; Grade Method: REG/AUD; — 3 credits
0101 Th.....2:00pm- 4:45pm (HBK 4113) — Wasserman, P

LBSC709 (PermReq) Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Signed independent study form must be presented to CLIS Admissions Office. — 1-3 credits

LBSC724 (PermReq) Public Library Seminar; Grade Method: REG/AUD; — 3 credits
0101 M.....5:30pm- 8:15pm (HBK 0109) — Cunningham, W

LBSC737 (PermReq) Seminar in the Special Library and Information Center; Grade Method: REG/AUD; — 3 credits
0101 Th.....5:30pm- 8:15pm (HBK 0109) — STAFF

LBSC741 (PermReq) Seminar in School Library Media Programs; Grade Method: REG/AUD; Suggested prerequisite: LBSC630. — 3 credits
0101 M.....5:30pm- 8:15pm (HBK 4115) — Liesener, J

LBSC744 (PermReq) Field Study in School Library Media Programs; Grade Method: REG/AUD; Prerequisite: LBSC 741 and permission of instructor. — 3 credits
0101 W.....2:30pm- 5:15pm (HBK 4113) — Liesener, J

LBSC750 (PermReq) Advanced Reference Services; Grade Method: REG/AUD; Preregistration must be approved by CLIS Admissions Office. — 3 credits
0101 M.....9:30am-12:15pm (HBK 0103) — Aversa, E
0201 M.....5:30pm- 8:15pm (HBK 0103) — White, M

LBSC756 (PermReq) Literature and Research in Science and Technology; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (HBK 0103) — STAFF

LBSC762 (PermReq) Health Information Sources and Their Use; Grade Method: REG/AUD; Suggested prerequisite: LBSC 651 or equivalent. — 3 credits
0101 W.....9:30am-12:15pm (HBK 4113) — Sewell, W

LBSC764 (PermReq) Legal Literature; Grade Method: REG/AUD; Suggested prerequisite: LBSC 651 or equivalent. — 3 credits
0101 Tu.....6:30pm- 9:15pm (HBK 0103) — Rahill, M

LBSC770 (PermReq) Bibliographic Control; Grade Method: REG/AUD; — 3 credits
0101 MW.....2:30pm- 3:45pm (HBK 0103) — Jeng, L

LBSC783 (PermReq) Seminar in Technical Services; Grade Method: REG/AUD; — 3 credits
0101 W.....2:30pm- 5:15pm (HBK 0109) — Costabile, S

LBSC791 Computer Applications in Information Management; Grade Method: REG/AUD; Formerly LBSC 708M. — 3 credits
0101 MW.....1:00pm- 2:15pm (HBK 4113) — Marchionini, G

LBSC878 (PermReq) Doctoral Seminar in Information Studies: Information Storage and Retrieval; Grade Method: REG/AUD; Doctoral students or by permission of instructor. — 3 credits
0101 Tu.....2:00pm- 4:45pm (HBK 4115) — Soergel, D

LBSC899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

For LENF courses, see CJUS (Institute of Criminal Justice and Criminology).

LING Linguistics — (Arts and Humanities)

LING200 Introductory Linguistics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Basis for future work in linguistics. Credit not given for both LING 100 and 200. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (TLF 0101) — Coleman, L
0201 MWF.....9:00am- 9:50am (COL 3110) — STAFF
0301 MWF.....12:00pm-12:50pm (JMZ 2206) — STAFF
0401 TuTh.....9:30am-10:45am (HZF 1102) — STAFF

LING240 Language and Mind; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits
0101 TuTh.....9:30am-10:45am (HBK 0117) — Lightfoot, D

LING311 Syntax I; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (HBK 1112) — Hornstein, N

LING321 Phonology I; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (HBK 0125) — Lebeaux, D

LING350 Philosophy of Language; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (HBK 0113) — Devitt, M

LING410 Grammar and Meaning; Grade Method: REG/P-F/AUD; — 3 credits
0101 Tu.....1:00pm- 3:00pm (ARM 0108) — Gorrell, P
Time and room to be arranged DIS

LING419 (PermReq) Topics in Syntax; Grade Method: REG; — 3 credits
0101 Time and room to be arranged — Hornstein, N

LING421 Advanced Phonology; Grade Method: REG/P-F/AUD; — 3 credits
0101 Th.....1:00pm- 3:00pm (MIL 1106) — Vergnaud, J
Time and room to be arranged DIS

LING429 (PermReq) Topics in Phonology; Grade Method: REG/P-F/AUD; — 3 credits
0101 Time and room to be arranged — Vergnaud, J

LING439 Topics in Diachronic Linguistics: Sanskrit I; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 3205) — Fleck, J

LING440 Grammars and Cognition; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits
0101 TuTh.....9:30am-10:45am (HBK 1116) — Gorrell, P

LING445 (PermReq) Computer Models of Language; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (HBK 1116) — Weinberg, A

LING457 Grammars and Discourse; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....11:00am-11:50am (HZF 1102) — Merrill, P

LING499 (PermReq) Directed Studies in Linguistics; Grade Method: REG; — 3 credits
0101 Time and room to be arranged — Lightfoot, D

LING610 Syntactic Theory; Grade Method: REG/AUD; — 3 credits
0101 W.....1:00pm- 3:00pm (EGR 3114) — Gorrell, P
Time and room to be arranged DIS

LING620 Phonological Theory; Grade Method: REG/AUD; — 3 credits
0101 Th.....1:00pm- 3:00pm (MIL 1106) — Vergnaud, J
Time and room to be arranged DIS

LING621 (PermReq) Morphology; Grade Method: REG/AUD; — 3 credits
0101 Tu.....2:00pm- 4:00pm (MIL 1106) — Zubizarreta, M
Time and room to be arranged DIS

LING650 History of Linguistics; Grade Method: REG/AUD; — 3 credits
0101 W.....3:15pm- 5:15pm (MIL 1106) — Hornstein, N
Time and room to be arranged DIS

LING689 Topics in Language Study: Competence and Performance; Grade Method: REG/AUD; — 3 credits
0101 Tu.....3:15pm- 5:15pm (ZOP 1228) — Weinberg, A
Time and room to be arranged DIS

LING698 (PermReq) Directed Study; Grade Method: REG/AUD; — 3 credits
0101 Th.....3:15pm- 5:15pm (MIL 1106) — STAFF

LING799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

LING819 (PermReq) Seminar in Syntactic Theory: Seminar in Syntactic Theory; Grade Method: REG/AUD; — 3 credits
0101 Time and room to be arranged — Vergnaud, J

LING889 (PermReq) Directed Research; Grade Method: REG/AUD; — 1-8 credits
0101 Time and room to be arranged DIS — STAFF

LING895 (PermReq) Doctoral Research Paper; Grade Method: REG/AUD; — 1-6 credits
0101 Time and room to be arranged — STAFF

LING899 Doctoral Dissertation Research; Grade Method: REG; — 1-8 credits
0101 Time and room to be arranged DIS — STAFF

MAPL Applied Mathematics — (Comp, Math, & Phys Sci)

MAPL460 Computational Methods; Grade Method: REG/P-F/AUD; Credit will be given for only one of the two courses: MAPL 460 and MAPL 470. — 3 credits
0101 MWF.....10:00am-10:50am (MTH 0405) — Osborn, J
0201 TuTh.....12:30pm- 1:45pm (CHM 0127) — Oleary, D

MAPL466 Introduction to Numerical Analysis I; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....3:30pm- 4:45pm (MTH 0403) — Babuska, I
0201 TuTh.....2:00pm- 3:15pm (ITV 1111) — Fontecilla, R

MAPL498A Selected Topics in Applied Mathematics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

MAPL600 Advanced Linear Numerical Analysis; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (CLB 0109) — Elman, H

MAPL612 Numerical Methods in Partial Differential Equations; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (MTH B0425) — Glaz, G

MAPL666 Numerical Analysis I; Grade Method: REG/AUD; — 3 credits
0101 MWF.....2:00pm- 2:50pm (MTH 0405) — Arnold, D

MAPL670 Ordinary Differential Equations I; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (MTH 1308) — Alexander, J

MAPL673 Classical Methods in Partial Differential Equations I; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (MTH 0302) — Cooper, J

MAPL680 Eigenvalue and Boundary Value Problems I; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (MTH 1313) — Antman, S

MAPL685 Modern Methods in Partial Differential Equations I; Grade Method: REG/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (MTH B0423) — Wolfe, P

MAPL698A Advanced Topics in Applied Mathematics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits

MAPL699 Applied Mathematics Seminar; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged — Sweet, D

MAPL799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

MAPL899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

MATH Mathematics — (Comp, Math, & Phys Sci)

MATH001 Review of High School Algebra; Grade Method: REG; Course chairperson: Cleary. Recommended for students who plan to take MATH 110 or MATH 002 but are not currently qualified to do so. The notation 3 credits is used only for billing and full-time or part-time status. This course does not carry credit towards any degree at the University. There is a special fee of $125 for MATH 001. If dropping course, see Withdrawal and Refund of Fees - Special Refund Deadlines in the Financial — 3 credits

Information section of the Schedule of Classes. Students registering for MATH 001 who experience math anxiety or feel deficient in math study skills should refer to EDCP 108M- Building Confidence and Study Skills in Mathematics.

0101	MWF.....9:00am- 9:50am (MTH 0102)	STAFF
0102	MWF.....9:00am- 9:50am (MTH 1311)	STAFF
0201	MWF.....10:00am-10:50am (MTH 0102)	STAFF
0202	MWF.....10:00am-10:50am (MTH 0401)	STAFF
0301	MWF.....11:00am-11:50am (MTH 0401)	STAFF
0302	MWF.....11:00am-11:50am (MTH 0104)	STAFF
0401	MWF.....12:00pm-12:50pm (MTH 0104)	STAFF
0402	MWF.....12:00pm-12:50pm (MTH 0102)	STAFF
0501	MWF.....1:00pm- 1:50pm (MTH 0104)	STAFF
0502	MWF.....1:00pm- 1:50pm (MTH 1313)	STAFF
0601	MWF.....2:00pm- 2:50pm (MTH 0104)	STAFF
0603	MWF.....2:00pm- 2:50pm (MTH 0401)	STAFF
0701	TuTh.....9:30am-10:45am (MTH 0102)	STAFF
0703	TuTh.....9:30am-10:45am (MTH 0401)	STAFF
0801	TuTh.....11:00am-12:15pm (MTH 0102)	STAFF
0803	TuTh.....11:00am-12:15pm (MTH 0401)	STAFF

MATH002 Advanced Review of High School Algebra; Grade Method: REG; Course chairperson: Cleary. Recommended for students who plan to take but who are not currently qualified for MATH 115. The notation 3 credits is used only for billing and full-time and part-time status. This course does not carry credit towards any degree at the University. There is a special $125 fee for MATH 002. If dropping course, see Withdrawal and Refund of Fees - Special Refund Deadlines in the Financial Information section of the Schedule of Classes. Prerequisite: MATH 001 or a satisfactory score on mathematics placement exam. Students registering for MATH 002 who experience math anxiety or feel deficient in math study skills should refer to EDCP 108M - Building Confidence and Study Skills in Mathematics. — 3 credits

0101	MWF.....8:00am- 8:50am (MTH 1311)	STAFF
0102	MWF.....9:00am- 9:50am (MTH 0401)	STAFF
0103	MWF.....9:00am- 9:50am (MTH 0104)	STAFF
0303	MWF.....11:00am-11:50am (MTH 0102)	STAFF
0304	MWF.....11:00am-11:50am (MTH B0423)	STAFF
0502	MWF.....1:00pm- 1:50pm (MTH 0102)	STAFF
0602	MW.....2:00pm- 3:15pm (MTH 0102)	STAFF
0901	TuTh.....12:30pm- 1:45pm (MTH 0401)	STAFF
0902	TuTh.....12:30pm- 1:45pm (MTH 0102)	STAFF
1001	TuTh.....2:00pm- 3:15pm (MTH 0401)	STAFF
1002	TuTh.....2:00pm- 3:15pm (MTH 0102)	STAFF

MATH110 (PermReq) Elementary Mathematical Models; Grade Method: REG/P-F/AUD; Permission of department based on satisfactory score on the mathematics placement exam, or MATH 001. — 3 credits

0101	MWF.....8:00am- 8:50am (MTH 0306)	STAFF
0102	MWF.....8:00am- 8:50am (MTH 0307)	STAFF
0103	MWF.....8:00am- 8:50am (MTH 0403)	STAFF
0104	MWF.....8:00am- 8:50am (MTH 0303)	STAFF
0105	MWF.....8:00am- 8:50am (MTH 1313)	STAFF
0106	MWF.....8:00am- 8:50am (MTH 1308)	STAFF
0201	MWF.....9:00am- 9:50am (MTH 0306)	STAFF
0202	MWF.....9:00am- 9:50am (MTH 0307)	STAFF
0203	MWF.....9:00am- 9:50am (MTH 0403)	STAFF
0204	MWF.....9:00am- 9:50am (MTH 0303)	STAFF
0205	MWF.....9:00am- 9:50am (MTH 1313)	STAFF
0206	MWF.....9:00am- 9:50am (MTH 0105)	STAFF
0301	MWF.....11:00am-11:50am (MTH 0305)	STAFF
0302	MWF.....11:00am-11:50am (MTH 0201)	STAFF
0303	MWF.....11:00am-11:50am (MTH 0106)	STAFF
0306	MWF.....11:00am-11:50am (MTH 0304)	STAFF
0401	MWF.....12:00pm-12:50pm (MTH 0305)	STAFF
0402	MWF.....12:00pm-12:50pm (MTH 0201)	STAFF
0403	MWF.....12:00pm-12:50pm (MTH 0106)	STAFF
0404	MWF.....12:00pm-12:50pm (MTH 0307)	STAFF
0405	MWF.....12:00pm-12:50pm (MTH 1313)	STAFF
0406	MWF.....12:00pm-12:50pm (MTH 0304)	STAFF
0501	MWF.....1:00pm- 1:50pm (MTH 0307)	STAFF
0502	MWF.....1:00pm- 1:50pm (MTH 0305)	STAFF
0503	MWF.....1:00pm- 1:50pm (MTH 0304)	STAFF
0601	MWF.....2:00pm- 2:50pm (MTH 0307)	STAFF
0602	MWF.....2:00pm- 2:50pm (MTH 0305)	STAFF
0603	MWF.....2:00pm- 2:50pm (MTH 0304)	STAFF
0701	MWF.....3:00pm- 3:50pm (MTH 0101)	STAFF
0702	MWF.....3:00pm- 3:50pm (MTH 0103)	STAFF
0703	MWF.....3:00pm- 3:50pm (MTH 0304)	STAFF
0704	MWF.....3:00pm- 3:50pm (MTH 0305)	STAFF
0801	MWF.....4:00pm- 4:50pm (MTH 0101)	STAFF
0802	MWF.....4:00pm- 4:50pm (MTH 0103)	STAFF
0803	MWF.....4:00pm- 4:50pm (MTH 0304)	STAFF
0804	MWF.....4:00pm- 4:50pm (MTH 0305)	STAFF
1301	MWF.....9:00am- 9:50am (MTH 0302)	Berg, K

MATH111 (PermReq) Introduction to Probability; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Permission of department based on satisfactory score on the mathematics placement exam or MATH 110 or MATH 115. Credit will not be granted for MATH 111 and STAT 100. MATH 111 is not open to students majoring in mathematics, engineering or the physical sciences. — 3 credits

0101	MWF.....1:00pm- 1:50pm (MTH 0101)	STAFF
0102	MWF.....1:00pm- 1:50pm (MTH 0103)	STAFF
0103	MWF.....1:00pm- 1:50pm (MTH 0106)	Herb, R
0201	MWF.....2:00pm- 2:50pm (MTH 0101)	STAFF
0202	MWF.....2:00pm- 2:50pm (MTH 0103)	STAFF

MATH115 (PermReq) Pre-Calculus; Grade Method: REG/P-F/AUD; Permission of department based on satisfactory score on the mathematics placement exam or MATH 002. Preparation for MATH 220 or MATH 140. — 3 credits

0101	MWF.....8:00am- 8:50am (MTH 0304)	STAFF
0102	MWF.....8:00am- 8:50am (MTH 0201)	STAFF
0201	MWF.....9:00am- 9:50am (MTH 0304)	STAFF
0202	MWF.....9:00am- 9:50am (MTH 0201)	STAFF
0203	MWF.....9:00am- 9:50am (MTH 0106)	STAFF
0301	MWF.....1:00pm- 1:50pm (MTH B0421)	STAFF
0302	MWF.....1:00pm- 1:50pm (MTH 0201)	STAFF
0401	MWF.....2:00pm- 2:50pm (MTH B0421)	STAFF
0402	MWF.....2:00pm- 2:50pm (MTH 0201)	STAFF
0501	MWF.....3:00pm- 3:50pm (MTH B0421)	STAFF
0502	MWF.....3:00pm- 3:50pm (MTH 0201)	STAFF
0601	MWF.....4:00pm- 4:50pm (MTH B0421)	STAFF
0602	MWF.....4:00pm- 4:50pm (MTH 0201)	STAFF
0701	MWF.....10:00am-10:50am (ARM 0135)	Gulick, F
	Tu.....8:00am- 8:50am (MTH 0407) DIS	
0702	MWF.....10:00am-10:50am (ARM 0135)	Gulick, F
	Tu.....11:00am-11:50am (MTH 0407) DIS	
0703	MWF.....10:00am-10:50am (ARM 0135)	Gulick, F
	Tu.....12:00pm-12:50pm (MTH 0407) DIS	
0704	MWF.....10:00am-10:50am (ARM 0135)	Gulick, F
	Tu.....1:00pm- 1:50pm (MTH 0407) DIS	
0705	MWF.....10:00am-10:50am (ARM 0135)	Gulick, F
	Tu.....2:00pm- 2:50pm (MTH 0407) DIS	
0706	MWF.....10:00am-10:50am (ARM 0135)	Gulick, F
	Tu.....4:00pm- 4:50pm (MTH 0405) DIS	
0707	MWF.....10:00am-10:50am (ARM 0135)	Gulick, F
	Tu.....3:00pm- 3:50pm (MTH 0407) DIS	
0708	MWF.....10:00am-10:50am (ARM 0135)	Gulick, F
	Tu.....4:00pm- 4:50pm (MTH 0407) DIS	

MATH140 (PermReq) Calculus I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Permission of department based on 3 1/2 years of college preparatory mathematics (including trigonometry) and satisfactory score on the mathematics placement exam or MATH 115. Credit may not be given for both MATH 140 and MATH 220. — 4 credits

0111	MWF.....8:00am- 8:50am (PHY 1412)	Berg, K
	TuTh.....9:00am- 9:50am (MTH B0421) DIS	
0121	MWF.....8:00am- 8:50am (PHY 1412)	Berg, K
	TuTh.....10:00am-10:50am (MTH B0421) DIS	
0131	MWF.....8:00am- 8:50am (PHY 1412)	Berg, K
	TuTh.....11:00am-11:50am (MTH B0421) DIS	
0141	MWF.....8:00am- 8:50am (PHY 1412)	Berg, K
	TuTh.....1:00pm- 1:50pm (MTH B0421) DIS	
0211	MWF.....11:00am-11:50am (ARM 0135)	Hubbard, B
	TuTh.....8:00am- 8:50am (MTH B0421) DIS	
0221	MWF.....11:00am-11:50am (ARM 0135)	Hubbard, B
	TuTh.....10:00am-10:50am (MTH 0201) DIS	
0231	MWF.....11:00am-11:50am (ARM 0135)	Hubbard, B
	TuTh.....11:00am-11:50am (MTH 0106) DIS	
0241	MWF.....11:00am-11:50am (ARM 0135)	Hubbard, B
	TuTh.....12:00pm-12:50pm (MTH 0409) DIS	
0311	MWF.....1:00pm- 1:50pm (ARM 0131)	Wolpert, S
	TuTh.....12:00pm-12:50pm (MTH 0303) DIS	
0321	MWF.....1:00pm- 1:50pm (ARM 0131)	Wolpert, S
	TuTh.....1:00pm- 1:50pm (MTH 0303) DIS	
0331	MWF.....1:00pm- 1:50pm (ARM 0131)	Wolpert, S
	TuTh.....2:00pm- 2:50pm (MTH 0303) DIS	
0341	MWF.....1:00pm- 1:50pm (ARM 0131)	Wolpert, S
	TuTh.....3:00pm- 3:50pm (MTH 0201) DIS	
0411	MWF.....2:00pm- 2:50pm (ARM 0131)	Hubbard, B
	TuTh.....12:00pm-12:50pm (MTH 0305) DIS	
0421	MWF.....2:00pm- 2:50pm (ARM 0131)	Hubbard, B
	TuTh.....1:00pm- 1:50pm (MTH 0103) DIS	
0431	MWF.....2:00pm- 2:50pm (ARM 0131)	Hubbard, B
	TuTh.....2:00pm- 2:50pm (MTH 0103) DIS	
0441	MWF.....2:00pm- 2:50pm (ARM 0131)	Hubbard, B
	TuTh.....3:00pm- 3:50pm (MTH 0405) DIS	
0511	MWF.....9:00am- 9:50am (ARM 0131)	Wolfe, P
	TuTh.....8:00am- 8:50am (MTH 0103) DIS	
0521	MWF.....9:00am- 9:50am (ARM 0131)	Wolfe, P
	TuTh.....9:00am- 9:50am (MTH 0303) DIS	
0531	MWF.....9:00am- 9:50am (ARM 0131)	Wolfe, P
	TuTh.....10:00am-10:50am (MTH 0101) DIS	
0541	MWF.....9:00am- 9:50am (ARM 0131)	Wolfe, P
	TuTh.....11:00am-11:50am (MTH 0101) DIS	

MATH140H (PermReq) Calculus I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Open only to General Honors students. Credit will be given for only one of the courses: MATH 140H and MATH 220. — 4 credits

2011	TuWThF....12:00pm-12:50pm (MTH 0411)	Correl, E

MATH141 Calculus II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Credit will be given for only one of the two courses: MATH 141 and MATH 221. — 4 credits

0111	MWF.....9:00am- 9:50am (ARM 0135)	Ellis, R
	TuTh.....8:00am- 8:50am (MTH 0307) DIS	
0121	MWF.....9:00am- 9:50am (ARM 0135)	Ellis, R
	TuTh.....9:00am- 9:50am (MTH 0304) DIS	
0131	MWF.....9:00am- 9:50am (ARM 0135)	Ellis, R
	TuTh.....12:00pm-12:50pm (MTH 0403) DIS	
0141	MWF.....9:00am- 9:50am (ARM 0135)	Ellis, R
	TuTh.....1:00pm- 1:50pm (MTH 0304) DIS	
0211	MWF.....11:00am-11:50am (ARM 0131)	Neri, U
	TuTh.....8:00am- 8:50am (MTH 0304) DIS	
0221	MWF.....11:00am-11:50am (ARM 0131)	Neri, U
	TuTh.....10:00am-10:50am (MTH 0304) DIS	
0231	MWF.....11:00am-11:50am (ARM 0131)	Neri, U
	TuTh.....11:00am-11:50am (MTH 0304) DIS	
0241	MWF.....11:00am-11:50am (ARM 0131)	Neri, U
	TuTh.....12:00pm-12:50pm (MTH 0304) DIS	
0311	MWF.....2:00pm- 2:50pm (CSS 2324)	Warner, C
	TuTh.....1:00pm- 1:50pm (MTH 0305) DIS	
0321	MWF.....2:00pm- 2:50pm (CSS 2324)	Warner, C
	TuTh.....2:00pm- 2:50pm (MTH 0405) DIS	
0331	MWF.....2:00pm- 2:50pm (CSS 2324)	Warner, C
	TuTh.....3:00pm- 3:50pm (MTH 0103) DIS	
0332	MWF.....2:00pm- 2:50pm (CSS 2324)	Warner, C
	TuTh.....3:00pm- 3:50pm (MTH 0303) DIS	
0711	MWF.....12:00pm-12:50pm (JMZ 0220)	Johnson, R
	TuTh.....8:00am- 8:50am (MTH 0101) DIS	
0721	MWF.....12:00pm-12:50pm (JMZ 0220)	Johnson, R
	TuTh.....9:00am- 9:50am (MTH 0403) DIS	
0731	MWF.....12:00pm-12:50pm (JMZ 0220)	Johnson, R
	TuTh.....10:00am-10:50am (MTH 0303) DIS	
0741	MWF.....12:00pm-12:50pm (JMZ 0220)	Johnson, R
	TuTh.....12:00pm-12:50pm (MTH 0306) DIS	

MATH210 Elements of Mathematics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; MATH 210 is open only to the following majors: 08230-Educ Early Childhood, 0823X-Pre-Early Childhood Educ, 08020-Educ Elem, 0802X-Pre Elem Educ, 0808B-Spec Educ, 0808X-Prespecial Educ. — 4 credits

0101	MF.....8:00am- 8:50am (MTH B0425)	STAFF
	W.....8:00am-10:00am (MTH B0425)	
0201	MF.....9:00am- 9:50am (MTH B0425)	STAFF
	Th.....8:00am-10:00am (MTH B0425)	
0301	MTu.....11:00am-11:50am (MTH B0429)	STAFF
	W.....11:00am- 1:00pm (MTH B0429)	
0401	MF.....1:00pm- 1:50pm (MTH B0429)	STAFF
	W.....1:00pm- 3:00pm (MTH B0429)	
0501	MF.....2:00pm- 2:50pm (MTH B0429)	STAFF
	Th.....1:00pm- 3:00pm (MTH B0429)	

MATH211 Elements of Geometry; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Prerequisite: MATH 210. — 4 credits

0101	MF.....8:00am- 8:50am (MTH B0427)	STAFF
	W.....8:00am-10:00am (MTH B0427)	
0201	MF.....9:00am- 9:50am (MTH B0427)	STAFF
	Th.....8:00am-10:00am (MTH B0427)	
0301	MF.....1:00pm- 1:50pm (MTH B0427)	STAFF
	W.....1:00pm- 3:00pm (MTH B0427)	
0401	MF.....2:00pm- 2:50pm (MTH B0427)	STAFF
	Th.....1:00pm- 3:00pm (MTH B0427)	
0501	MF.....1:00pm- 1:50pm (MTH 0306)	STAFF
	W.....1:00pm- 3:00pm (MTH 0306)	

MATH220 (PermReq) Elementary Calculus I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Permission of department based on 3 1/2 years of college preparatory mathematics (including trigonometry) and satisfactory performance on the mathematics placement exam or MATH 115. Credit will not be granted for both MATH 220 and MATH 140. MATH 220 is not open to students majoring in mathematics, engineering or the physical sciences. — 3 credits

0111	MWF.....3:00pm- 3:50pm (ARM 0131)	Schneider, D
	M.....8:00am- 8:50am (MTH 0409) DIS	
0121	MWF.....3:00pm- 3:50pm (ARM 0131)	Schneider, D
	M.....9:00am- 9:50am (MTH 0409) DIS	
0131	MWF.....3:00pm- 3:50pm (ARM 0131)	Schneider, D
	M.....10:00am-10:50am (MTH 0409) DIS	
0141	MWF.....3:00pm- 3:50pm (ARM 0131)	Schneider, D
	M.....11:00am-11:50am (MTH 0409) DIS	
0251	TuTh.....12:30pm- 1:45pm (ARM 0135)	STAFF
	W.....1:00pm- 1:50pm (MTH 0409) DIS	
0261	TuTh.....12:30pm- 1:45pm (ARM 0135)	STAFF
	W.....2:00pm- 2:50pm (MTH 0409) DIS	
0271	TuTh.....12:30pm- 1:45pm (ARM 0135)	STAFF
	W.....3:00pm- 3:50pm (MTH 0409) DIS	
0281	TuTh.....12:30pm- 1:45pm (ARM 0135)	STAFF
	W.....4:00pm- 4:50pm (MTH 0409) DIS	
0311	TuTh.....2:00pm- 3:15pm (ARM 0131)	Zedek, M
	F.....8:00am- 8:50am (MTH 0409) DIS	
0321	TuTh.....2:00pm- 3:15pm (ARM 0131)	Zedek, M
	F.....9:00am- 9:50am (MTH 0409) DIS	
0331	TuTh.....2:00pm- 3:15pm (ARM 0131)	Zedek, M
	F.....10:00am-10:50am (MTH 0409) DIS	
0341	TuTh.....2:00pm- 3:15pm (ARM 0131)	Zedek, M
	F.....11:00am-11:50am (MTH 0409) DIS	
0411	MWF.....8:00am- 8:50am (CSS 2324)	Sweet, D
	Th.....8:00am- 8:50am (MTH 0409) DIS	
0421	MWF.....8:00am- 8:50am (CSS 2324)	Sweet, D
	Th.....9:00am- 9:50am (MTH 0409) DIS	
0431	MWF.....8:00am- 8:50am (CSS 2324)	Sweet, D
	Th.....10:00am-10:50am (MTH 0409) DIS	
0441	MWF.....8:00am- 8:50am (CSS 2324)	Sweet, D
	Th.....11:00am-11:50am (MTH 0409) DIS	
0551	MWF.....2:00pm- 2:50pm (ARM 0135)	Lay, D
	Tu.....1:00pm- 1:50pm (MTH 0409) DIS	
0561	MWF.....2:00pm- 2:50pm (ARM 0135)	Lay, D
	Tu.....2:00pm- 2:50pm (MTH 0409) DIS	
0571	MWF.....2:00pm- 2:50pm (ARM 0135)	Lay, D
	Tu.....3:00pm- 3:50pm (MTH 0409) DIS	
0581	MWF.....2:00pm- 2:50pm (ARM 0135)	Lay, D
	Tu.....4:00pm- 4:50pm (MTH 0409) DIS	

MATH221 Elementary Calculus II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Credit will be given for only one of the two courses: MATH 221 and MATH 141. MATH 221 is not open to students majoring in mathematics, engineering or the physical Sciences. — 3 credits

0111	TuTh.....11:00am-12:15pm (ARM 0131)	Goldberg, S
	W.....8:00am- 8:50am (MTH 0407) DIS	
0121	TuTh.....11:00am-12:15pm (ARM 0131)	Goldberg, S
	W.....9:00am- 9:50am (MTH 0407) DIS	
0131	TuTh.....11:00am-12:15pm (ARM 0131)	Goldberg, S
	W.....10:00am-10:50am (MTH 0407) DIS	
0141	TuTh.....11:00am-12:15pm (ARM 0131)	Goldberg, S
	W.....11:00am-11:50am (MTH 0407) DIS	
0211	TuTh.....12:30pm- 1:45pm (JMZ 0220)	Hamilton, D
	F.....8:00am- 8:50am (MTH 0407) DIS	
0221	TuTh.....12:30pm- 1:45pm (JMZ 0220)	Hamilton, D
	F.....9:00am- 9:50am (MTH 0407) DIS	
0231	TuTh.....12:30pm- 1:45pm (JMZ 0220)	Hamilton, D
	F.....10:00am-10:50am (MTH 0407) DIS	
0241	TuTh.....12:30pm- 1:45pm (JMZ 0220)	Hamilton, D
	F.....11:00am-11:50am (MTH 0407) DIS	

MATH240 Introduction to Linear Algebra; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; For each of the following pairs, credit will be given for only one of two listed courses: MATH 240 and MATH 400, MATH 240 and MATH 461. — 4 credits

0111	MWF.....10:00am-10:50am (CSS 2324)	Boyle, M
	TuTh.....9:00am- 9:50am (MTH 0405) DIS	
0112	MWF.....10:00am-10:50am (CSS 2324)	Boyle, M
	TuTh.....9:00am- 9:50am (MTH 0201) DIS	
0121	MWF.....10:00am-10:50am (CSS 2324)	Boyle, M
	TuTh.....10:00am-10:50am (MTH 0405) DIS	
0131	MWF.....10:00am-10:50am (CSS 2324)	Boyle, M
	TuTh.....11:00am-11:50am (MTH 0306) DIS	
0511	MWF.....12:00pm-12:50pm (ARM 0135)	Dancis, J
	TuTh.....10:00am-10:50am (MTH 0307) DIS	
0521	MWF.....12:00pm-12:50pm (ARM 0135)	Dancis, J
	TuTh.....11:00am-11:50am (MTH 0307) DIS	
0531	MWF.....12:00pm-12:50pm (ARM 0135)	Dancis, J
	TuTh.....12:00pm-12:50pm (MTH 0307) DIS	
0541	MWF.....12:00pm-12:50pm (ARM 0135)	Dancis, J
	TuTh.....1:00pm- 1:50pm (MTH 0307) DIS	

MATH240H (PermReq) Introduction to Linear Algebra; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; For each of the following pairs, credit will be given for only one of the two listed courses: MATH 240H and MATH 400, MATH 240H and 461. — 4 credits

2011	TuTh.....2:00pm- 4:00pm (MTH 0107)	Hummel, J

MATH241 Calculus III; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; — 4 credits

1411	MWF.....10:00am-10:50am (ARM 0131)	Gulick, D
	TuTh.....10:00am-10:50am (MTH 0403) DIS	
1421	MWF.....10:00am-10:50am (ARM 0131)	Gulick, D
	TuTh.....11:00am-11:50am (MTH 0403) DIS	
1431	MWF.....10:00am-10:50am (ARM 0131)	Gulick, D
	TuTh.....12:00pm-12:50pm (MTH B0421) DIS	
1441	MWF.....10:00am-10:50am (ARM 0131)	Gulick, D
	TuTh.....1:00pm- 1:50pm (MTH 0403) DIS	
1501	MWF.....8:00am- 8:50am (MTH 0411)	STAFF
	Tu.....8:00am- 8:50am (MTH 0411) DIS	
1601	MWF.....9:00am- 9:50am (MTH 0411)	Kueker, D
	M.....10:00am-10:50am (MTH 0411) DIS	
1701	MW.....2:00pm- 2:50pm (MTH 0411)	Currier, A
	TuTh.....2:00pm- 2:50pm (MTH 0411) DIS	
1801	MWF.....11:00am-11:50am (MTH 0405)	Kleppner, A
	Tu.....11:00am-11:50am (MTH 0411) DIS	
2001	MWF.....12:00pm-12:50pm (MTH 0407)	Green, P
	Th.....12:00pm-12:50pm (MTH 0407) DIS	
2101	MWF.....12:00pm-12:50pm (MTH 0302)	Lehner, G
	Tu.....12:00pm-12:50pm (MTH 0201) DIS	
2201	MWF.....1:00pm- 1:50pm (MTH 0407)	Chu, H
	Th.....1:00pm- 1:50pm (MTH 0407) DIS	
2301	MWF.....1:00pm- 1:50pm (MTH 0411)	Pearl, M
	F.....2:00pm- 2:50pm (MTH 0411) DIS	
2401	TuTh.....11:00am-12:15pm (MTH B0423)	Sather, J
	F.....11:00am-11:50am (MTH B0429) DIS	
2501	TuTh.....12:30pm- 1:45pm (MTH 0405)	Adams, J
	W.....11:00am-11:50am (MTH B0427) DIS	
2601	MWF.....12:00pm-12:50pm (MTH B0427)	Lopez-Escobar,
	F.....11:00am-11:50am (MTH B0427) DIS	

MATH241H (PermReq) Calculus III; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; — 4 credits

3011	MWF.....11:00am-11:50am (MTH 0411)	Horvath, J
	F.....10:00am-10:50am (MTH 0411) DIS	

MATH246 Differential Equations For Scientists and Engineers; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; — 3 credits

0101	MWF.....8:00am- 8:50am (MTH 0104)	Gray, A
0201	MWF.....8:00am- 8:50am (MTH 0401)	Owings Jr., J
0301	MWF.....10:00am-10:50am (MTH 0403)	Cohen, J
0401	MWF.....10:00am-10:50am (MTH 0307)	Nochetto, R
0601	MWF.....11:00am-11:50am (MTH 0403)	Ehrlich, G
0701	MWF.....1:00pm- 1:50pm (MTH 1311)	Osborn, J
0801	TuTh.....9:30am-10:45am (MTH 0104)	Zedek, M
0901	TuTh.....11:00am-12:15pm (MTH B0427)	Reinhart, B
1001	TuTh.....11:00am-12:15pm (MTH B0425)	Maddocks, J
1101	TuTh.....12:30pm- 1:45pm (MTH 1308)	King, H
1201	TuTh.....3:30pm- 4:45pm (MTH 0411)	Cook, C
1301	TuTh.....3:30pm- 4:45pm (MTH 0101)	Brin, M

MATH246H (PermReq) Differential Equations For Scientists and Engineers; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; — 3 credits

2011	MWF.....11:00am-11:50am (MTH 0307)	Arnold, D

MATH250 (PermReq) Calculus III (Honors); Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; — 4 credits

0111	TuTh.....2:00pm- 4:00pm (MTH 0302)	Washington, L

MATH256 Introduction to Numerical Analysis; Grade Method: REG/P-F/AUD; Prerequisite: MATH 141. — 3 credits

0101	MWF.....12:00pm-12:50pm (MTH 1308)	Helzer, G

MATH299A Selected Topics in Mathematics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

MATH386 Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

MATH387 Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

MATH400 (PermReq) Vectors and Matrices; Grade Method: REG/P-F/AUD; For each of the following pairs, credit will be given for only one of the two listed courses: MATH 400 and MATH 240, MATH 400 and MATH 461. MATH 400 is not open to students in the CMPS College. — 3 credits

0101	MWF.....10:00am-10:50am (MTH 0302)	Lay, D

MATH401 Applications of Linear Algebra; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....9:30am-10:45am (MTH 0305)	King, H
0201	MWF.....1:00pm- 1:50pm (MTH B0423)	Adams, W
0301	MWF.....12:00pm-12:50pm (MTH 0105)	Jones, C

MATH402 Algebraic Structures; Grade Method: REG/P-F/AUD; Credit will be given for only one of the two courses: MATH 402 and MATH 403. MATH 402 is not open to mathematics graduate students or to undergraduates interested in continuing to graduate school in mathematics. — 3 credits

0101	MWF.....9:00am- 9:50am (MTH 1308)	Gulick, F
0201	MWF.....2:00pm- 2:50pm (MTH 1308)	Fey, J

MATH403 Introduction to Abstract Algebra; Grade Method: REG/P-F/AUD; Credit will be given for only one of the two courses: MATH 403 and MATH 402. — 3 credits

0101	MWF.....1:00pm- 1:50pm (MTH B0425)	Schneider, D

MATH405 Linear Algebra; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....12:00pm-12:50pm (MTH 0107)	Auslander, J

MATH406 Introduction to Number Theory; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits

0101	TuTh.....9:30am-10:45am (MTH 1313)	Correl, E
0201	TuTh.....11:00am-12:15pm (MTH 0107)	Washington, L
0301	MWF.....12:00pm-12:50pm (MTH 0409)	Pearl, M

MATH410 (PermReq) Advanced Calculus I; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....8:00am- 8:50am (MTH 0102)	Kirwan, W
0201	MWF.....9:00am- 9:50am (MTH B0421)	Schafer, J
0301	MWF.....10:00am-10:50am (MTH 0306)	Sweet, D
0401	MWF.....11:00am-11:50am (MTH 1308)	Fitzpatrick, P

MATH411 (PermReq) Advanced Calculus II; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....10:00am-10:50am (MTH 0304)	Neumann, W
0201	MWF.....10:00am-10:50am (MTH 0103)	Fitzpatrick, P

MATH414 Differential Equations; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....9:00am- 9:50am (MTH B0423)	Jones, C

MATH415 Introduction to Partial Differential Equations; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....1:00pm- 1:50pm (MTH 0107)	Neri, U

MATH430 Euclidean and Non-Euclidean Geometries; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits

0101	TuTh.....2:00pm- 3:15pm (MTH 0304)	Reinhart, B
0201	TuTh.....3:30pm- 4:45pm (MTH 0306)	Winkelnkemper,
0301	MWF.....2:00pm- 2:50pm (MTH 0302)	Green, P

MATH432 Introduction to Point Set Topology; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....2:00pm- 3:15pm (MTH 0403)	Lipsman, R

MATH436 Introduction to Differential Geometry; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....2:00pm- 2:50pm (MTH 0301)	Horvath, J

MATH444 Elementary Logic and Algorithms; Grade Method: REG/P-F/AUD; — 3 credits

0101 MW.....1:00pm- 2:15pm (CLB 0104) Smith, C
0301 MWF.....1:00pm- 1:50pm (MTH 0403) Lopez-Escobar,

MATH447 Introduction to Mathematical Logic; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (MTH B0425) Owings Jr., J

MATH461 Linear Algebra For Scientists and Engineers; Grade Method: REG/P-F/AUD; For each of the following pairs, credit will be given for only one of the two listed courses: MATH 461 and MATH 240, MATH 461 and MATH 400. MATH 461 cannot be used to meet the upper level math requirements for MATH/STAT majors. 3 credits
0101 MWF.....10:00am-10:50am (MTH 0303) Wang, X
0201 MWF.....10:00am-10:50am (MTH B0421) Dancis, J
0301 MWF.....11:00am-11:50am (MTH B0421) Ellis, R
0401 MWF.....12:00pm-12:50pm (MTH B0423) STAFF
0501 MWF.....2:00pm- 2:50pm (MTH 0303) Helzer, G
0601 TuTh.....11:00am-12:15pm (MTH 0105) Ehrlich, G
0701 TuTh.....3:30pm- 4:45pm (MTH 0305) Grove, K
0801 TuTh.....3:30pm- 4:45pm (MTH 0307) Hamilton, D

MATH462 Partial Differential Equations For Scientists and Engineers; Grade Method: REG/P-F/AUD; Credit will be given for only one of the two courses: MATH 462 and MATH 415. 3 credits
0101 MWF.....10:00am-10:50am (MTH B0427) Herb, R
0201 MWF.....11:00am-11:50am (MTH 1313) Chu, H
0301 MWF.....11:00am-11:50am (MTH 1311) Wang, X
0401 TuTh.....9:30am-10:45am (MTH 0302) Sather, J
0501 TuTh.....9:30am-10:45am (MTH 0105) Cook, C

MATH463 Complex Variables For Scientists and Engineers; Grade Method: REG/P-F/AUD; Credit will be given for only one of the two courses - MATH 463 and MATH 413. 3 credits
0101 MWF.....10:00am-10:50am (MTH 0101) Gray, A
0201 MWF.....1:00pm- 1:50pm (MTH 0405) Yorke, J
0301 MWF.....1:00pm- 1:50pm (MTH 0105) Greenberg, L
0401 MWF.....2:00pm- 2:50pm (MTH 1313) Greenberg, L
0501 TuTh.....8:00am- 9:15am (MTH 0106) Hummel, J
0601 TuTh.....9:30am-10:45am (MTH 1311) Vogelius, M
0701 TuTh.....12:30pm- 1:45pm (MTH 1311) Winkelnkemper,
0801 TuTh.....3:30pm- 4:45pm (MTH 0304) Olver, F

MATH464 Transform Methods For Scientists and Engineers; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (MTH 0103) Currier, A
0201 TuTh.....9:30am-10:45am (MTH B0429) Benedetto, J

MATH475 Combinatorics and Graph Theory; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....3:30pm- 4:45pm (MTH 1311) Vogelius, M

MATH478A Selected Topics For Teachers of Mathematics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. MATH 478A cannot be used toward the upper level MATH requirements for MATH/STAT majors. Earn credit for assisting in the classroom for selected mathematics courses. For further information come to MTH 1117. 1-3 credits

MATH498A Selected Topics in Mathematics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-16 credits

MATH498B Selected Topics in Mathematics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-16 credits

MATH498C Selected Topics in Mathematics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-16 credits

MATH498D Selected Topics in Mathematics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-16 credits

MATH600 Abstract Algebra I; Grade Method: REG/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (MTH 0302) Kudla, S

MATH602 Homological Algebra; Grade Method: REG/AUD; 3 credits
0101 MWF.....10:00am-10:50am (MTH 0305) Schafer, J

MATH608A Selected Topics in Algebra; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

MATH608B Selected Topics in Algebra: Selected Topics in Number Theory; Grade Method: REG/AUD; 3 credits
0201 TuTh.....2:00pm- 3:15pm (MTH B0425) Zagier, D

MATH620 Algebraic Number Theory I; Grade Method: REG/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (MTH 0301) Adams, W

MATH630 Real Analysis I; Grade Method: REG/AUD; 3 credits
0101 MWF.....10:00am-10:50am (MTH 1311) Warner, C
0201 TuTh.....9:30am-10:45am (MTH 0411) Kleppner, A

MATH632 Functional Analysis; Grade Method: REG/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (MTH B0423) Goldberg, S

MATH642 Dynamical Systems I; Grade Method: REG/AUD; 3 credits
0101 MWF.....10:00am-10:50am (MTH 0106) Auslander, J

MATH648A Selected Topics in Analysis; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

MATH648B Selected Topics in Analysis: Topics in Harmonic Analysis; Grade Method: REG/AUD; 3 credits
0201 TuTh.....12:30pm- 1:45pm (MTH 0105) Benedetto, J

MATH660 Complex Analysis I; Grade Method: REG/AUD; 3 credits
0101 MWF.....11:00am-11:50am (MTH 0301) Wolpert, S

MATH668A Selected Topics in Complex Analysis; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

MATH670 Ordinary Differential Equations I; Grade Method: REG/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (MTH 1308) Alexander, J

MATH673 Classical Methods in Partial Differential Equations I; Grade Method: REG/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (MTH 0302) Cooper, J

MATH680 Eigenvalue and Boundary Value Problems I; Grade Method: REG/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (MTH 1313) Antman, S

MATH685 Modern Methods in Partial Differential Equations I; Grade Method: REG/AUD; 3 credits
0101 MWF.....10:00am-10:50am (MTH B0423) Wolfe, P

MATH712 Mathematical Logic I; Grade Method: REG/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (MTH 1308) Kueker, D

MATH718A Selected Topics in Mathematical Logic; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

MATH730 Fundamental Concepts of Topology; Grade Method: REG/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (MTH 0401) Boyle, M

MATH740 Riemannian Geometry; Grade Method: REG/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (MTH B0423) Grove, K

MATH748A Selected Topics in Geometry and Topology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

MATH748B Selected Topics in Geometry and Topology: Selected Topics In Topology (Homotopy Theory); Grade Method: REG/AUD; 3 credits
0201 MWF.....11:00am-11:50am (MTH 0107) Cohen, J

MATH748C Selected Topics in Geometry and Topology: Algebraic Geometry; Grade Method: REG/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (MTH 0301) Goldman, W

MATH799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

MATH899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

MEES Marine-Estuarine-Environmental Sciences (Life Sciences)

MEES440 Essentials of Toxicology; Grade Method: REG/P-F/AUD; 2 credits
0101 W.....4:00pm- 6:00pm (HZF 1108) Eccles, C

MEES608A Seminar in Marine-Estuarine-Environmental Sciences; Grade Method: REG/AUD; 1 credit
0101 Tu.....4:00pm- 6:00pm (SYM 0200) Menzer, R

MEES608C Seminar in Marine-Estuarine-Environmental Sciences: Current Concepts in Larval Recruitment in Marine Systems; Grade Method: REG/AUD; Course given at Horn Point Environmental Laboratory. 1 credit
0101 Time and room to be arranged Purcell, J

MEES608E Seminar in Marine-Estuarine-Environmental Sciences: Seminar in Wildlife/Fisheries; Grade Method: REG/AUD; Course given at Appalachian Environmental Laboratory. 1 credit
0101 Time and room to be arranged STAFF

MEES641 Environmental Toxicology; Grade Method: REG/AUD; Course given at Appalachian Environmental Lab. 3 credits
0101 Time and room to be arranged Morgan, R

MEES661 Physics and Geology of Estaurine and Marine Environments; Grade Method: REG/AUD; MEES 661 was formerly listed as MEES 698K. 3 credits
0101 Th.....9:30am-12:15pm (EGR 1110) Boicourt, W

MEES681 Coastal Resource Use, Law and Management: The Chesapeake; Grade Method: REG/AUD; 3 credits
0101 Tu.....6:00pm- 8:45pm (SYM 0200) Strand Jr., I

MEES698M Special Topics in Marine-Estuarine-Environmental Sciences: Wildlife Management and Ecology; Grade Method: REG/AUD; Course given at Appalachian Environmental Lab. 4 credits
0101 Time and room to be arranged Hoogland, J
Time and room to be arranged LAB

MEES698N Special Topics in Marine-Estuarine-Environmental Sciences: Geochemical Modeling; Grade Method: REG/AUD; 3 credits
0101 Th.....2:00pm- 4:45pm (HZF 1106) Rice, D

MEES698P Special Topics in Marine-Estuarine-Environmental Sciences: Fisheries Science; Grade Method: REG/AUD; 3 credits
0101 Tu.....9:30am-12:15pm (Arranged) Houde, E

MEES698X Special Topics in Marine-Estuarine-Environmental Sciences: Methods and Applications in Natural Organic Marine Chemistry; Grade Method: REG/AUD; Course given at Chesapeake Biological Lab. 1 credit
0101 Time and room to be arranged Dawson, R

MEES699 (PermReq) Special Problems in Marine-Estuarine-Environmental Sciences; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

MEES799 (PermReq) Masters Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

MEES899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

METO Meteorology (Comp, Math, & Phys Sci)

METO301 Introduction to Meteorology; Grade Method: REG/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (CSS 2114) Robock, A

METO410 General Meteorology I; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (CSS 2114) Thompson, O

METO420 Physical and Dynamical Oceanography; Grade Method: REG/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (CSS 2114) Carton, J

METO434 Air Pollution; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (CHM 0127) Dickerson, R

METO461 (PermReq) Synoptic Meteorology II; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (CSS 2114) Huffman, G

METO499 (PermReq) Special Problems in Atmospheric Science; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

METO610 Dynamic Meteorology I; Grade Method: REG/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (CSS 2114) Shukla, J

METO614 Numerical Weather Prediction; Grade Method: REG/AUD; 3 credits
0101 MWF.....10:00am-10:50am (CSS 2114) Baer, F

METO620 Atmospheric Radiation; Grade Method: REG/AUD; 3 credits
0101 TuTh.....8:00am- 9:15am (CSS 2114) Ellingson, R

METO640 Micro-meteorology; Grade Method: REG/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (CSS 2114) Pinker, R

METO658E (PermReq) Special Topics in Meteorology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

METO658P Special Topics in Meteorology: Atmospheric Predictability and Turbulence; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Shukla, J

METO799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

METO899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

MICB Microbiology (Life Sciences)

MICB100 Basic Microbiology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 4 credits
0101 MWF.....10:00am-10:50am (MCB 1207) Cook, T
MW.....9:00am- 9:50am (MCB 1206) LAB
0102 MWF.....10:00am-10:50am (MCB 1207) Cook, T
MW.....11:00am-11:50am (MCB 1206) LAB
0103 MWF.....10:00am-10:50am (MCB 1207) Cook, T
MW.....12:00pm-12:50pm (MCB 1206) LAB
0104 MWF.....10:00am-10:50am (MCB 1207) Cook, T
TuTh.....10:00am-10:50am (MCB 1206) LAB
0201 MWF.....9:00am- 9:50am (MCB 1207) Cook, T
MW.....10:00am-10:50am (MCB 1206) LAB
0202 MWF.....9:00am- 9:50am (MCB 1207) Cook, T
MW.....1:00pm- 1:50pm (MCB 1206) LAB
0203 MWF.....9:00am- 9:50am (MCB 1207) Cook, T
MW.....2:00pm- 2:50pm (MCB 1206) LAB
0204 MWF.....9:00am- 9:50am (MCB 1207) Cook, T
TuTh.....11:00am-11:50am (MCB 1206) LAB

MICB200 General Microbiology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Prerequisite: two semesters of chemistry. Required for all MICB majors and prerequisite for all other departmental courses for MICB majors. Labs will start on first day of classes. 4 credits
0101 TuTh.....11:00am-11:50am (ARM 0126) Smith, A
MW.....9:00am-11:00am (MCB 1205) LAB
0102 TuTh.....11:00am-11:50am (ARM 0126) Smith, A
MW.....9:00am-11:00am (MCB 1201) LAB
0103 TuTh.....11:00am-11:50am (ARM 0126) Smith, A
MW.....12:00pm- 2:00pm (MCB 1205) LAB
0104 TuTh.....11:00am-11:50am (ARM 0126) Smith, A
MW.....12:00pm- 2:00pm (MCB 1201) LAB
0106 TuTh.....11:00am-11:50am (ARM 0126) Smith, A
MW.....2:00pm- 4:00pm (MCB 1205) LAB
0107 TuTh.....11:00am-11:50am (ARM 0126) Smith, A
MW.....2:00pm- 4:00pm (MCB 1201) LAB
0109 TuTh.....11:00am-11:50am (ARM 0126) Smith, A
TuTh.....9:00am-11:00am (MCB 1205) LAB
0110 TuTh.....11:00am-11:50am (ARM 0126) Smith, A
TuTh.....9:00am-11:00am (MCB 1201) LAB
0112 TuTh.....11:00am-11:50am (ARM 0126) Smith, A
TuTh.....12:00pm- 2:00pm (MCB 1205) LAB
0113 TuTh.....11:00am-11:50am (ARM 0126) Smith, A
TuTh.....12:00pm- 2:00pm (MCB 1201) LAB
0115 TuTh.....11:00am-11:50am (ARM 0126) Smith, A
TuTh.....2:00pm- 4:00pm (MCB 1205) LAB
0116 TuTh.....11:00am-11:50am (ARM 0126) Smith, A
TuTh.....2:00pm- 4:00pm (MCB 1201) LAB

MICB379 (PermReq) Honors Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Open only to departmental honors students. 2-3 credits

MICB380 Bacterial Genetics; Grade Method: REG/P-F/AUD; Prerequisites: CHEM 233, CHEM 243, and 4 credits of microbiology. 4 credits
0101 TuTh.....11:00am-11:50am (MCB 1207) Voll, M
TuTh.....2:00pm- 4:00pm (MCB 1103A) LAB
0102 TuTh.....11:00am-11:50am (MCB 1207) Voll, M
TuTh.....2:00pm- 4:00pm (MCB 1104) LAB

MICB388 (PermReq) Special Topics in Microbiology; Grade Method: REG/P-F/AUD; Prerequisite: two lab courses in microbiology. May be repeated but only 4 credits may be applied to major requirements. 1-4 credits
0101 Time and room to be arranged Joseph, S

MICB388B Special Topics in Microbiology: Special Topics in Microbiology Research Projects; Grade Method: REG/P-F/AUD; Prerequisite: two lab courses in microbiology. May be repeated but only four credits may be applied to major requirements. 1-4 credits
0101 Time and room to be arranged Joseph, S

MICB388C Special Topics in Microbiology: Unusual and Extraordinary Pathogenic Microorganisms; Grade Method: REG/AUD; Prerequisite: MICB 440 or permission of instructor. 3 credits
0101 W.....4:00pm- 7:00pm (MCB 1207) Joseph, S

MICB399 (PermReq) Microbiological Problems; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: 16 credits in MICB. May be repeated, but only 3 credits can be applied to major requirements. 3 credits

MICB440 Pathogenic Microbiology; Grade Method: REG/P-F/AUD; 4 credits
0101 MW.....11:00am-11:50am (JMZ 0220) Stein, D
TuTh.....9:00am-11:00am (MCB 1143) LAB
0102 MW.....11:00am-11:50am (JMZ 0220) Stein, D
TuTh.....9:00am-11:00am (MCB 1135) LAB
0103 MW.....11:00am-11:50am (JMZ 0220) Stein, D
TuTh.....11:00am- 1:00pm (MCB 1143) LAB
0104 MW.....11:00am-11:50am (JMZ 0220) Stein, D
TuTh.....11:00am- 1:00pm (MCB 1135) LAB
0105 MW.....11:00am-11:50am (JMZ 0220) Stein, D
TuTh.....1:00pm- 3:00pm (MCB 1143) LAB
0106 MW.....11:00am-11:50am (JMZ 0220) Stein, D
TuTh.....1:00pm- 3:00pm (MCB 1135) LAB
0107 MW.....11:00am-11:50am (JMZ 0220) Stein, D
TuTh.....3:00pm- 5:00pm (MCB 1143) LAB
0108 MW.....11:00am-11:50am (JMZ 0220) Stein, D
TuTh.....3:00pm- 5:00pm (MCB 1135) LAB

MICB470 Microbial Physiology; Grade Method: REG/AUD; Prerequisites: 8 credits in MICB and BCHM 461, 462. 3 credits
0101 MWF.....11:00am-11:50am (MCB 1207) MacQuillan, A

MICB480 Microbial Ecology; Grade Method: REG/P-F/AUD; Prerequisites: MICB 200 and one course in organic chemistry. 3 credits
0101 MWF.....1:00pm- 1:50pm (MCB 1207) Weiner, R

MICB688 (PermReq) Special Topics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

MICB688A (PermReq) Special Topics: Current Topics in Immunology; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Roberson, B

MICB688B (PermReq) Special Topics: Current Topics in Virology; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Hetrick, F

MICB688C (PermReq) Special Topics: Selected Topics in Marine Biotechnology; Grade Method: REG/AUD; 1 credit
0101 F.....1:00pm- 2:00pm (MCB 2119) Weiner, R

MICB688D (PermReq) Special Topics: Current Topics in Molecular Biology; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Stein, D

MICB688E (PermReq) Special Topics: Current Topics in Microbiological Genetics; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Voll, M

MICB688J (PermReq) Special Topics: Current Topics in Bacterial Pathogenesis; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Joseph, S

MICB688K (PermReq) Special Topics: Current Topics in Systematics; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Colwell, R

MICB688L Special Topics: Unusual and Extraordinary Pathogenic Microorganisms; Grade Method: REG/AUD; Prerequisite: MICB 440 or permission of instructor. 3 credits
0101 W.....4:00pm- 7:00pm (MCB 1207) Joseph, S

MICB788 Seminar; Grade Method: REG/AUD; 1 credit
0101 TuTh.....2:00pm- 2:50pm (MCB 1207) STAFF
F.....12:00pm-12:50pm (MCB 1207)
F.....3:00pm- 5:00pm (MCB 1207) DIS

MICB799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

MICB899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

MUED Music Education (Education)

MUED411 Instrumental Music: Methods and Materials For the Elementary School; Grade Method: REG/AUD; 3 credits
0101 TuTh.....10:00am-12:00pm (TWS 1123) Saunders, C
Tu.....8:00am- 8:50am (TWS 1102) LAB

MUED438 Special Problems in the Teaching of Instrumental Music; Grade Method: REG/AUD; 2-3 credits
0101 Tu.....6:00pm- 8:30pm (TWS 1123) Berman, J

MUED470 General Concepts For Teaching Music; Grade Method: REG/AUD; Concurrent registration 1 credit

in MUED 411 or MUED 471 required. Limited to music education majors.
0101 TuTh.....9:00am-10:00am (TWS 3238) Troth, E

MUED471 Methods For Teaching Elementary General Music; Grade Method: REG/AUD; Concurrent registration in MUED 470 required. Limited to music education majors. 3 credits
0101 TuTh.....10:00am-12:00pm (TWS 3238) STAFF

MUED499A Workshops, Clinics, Institutes; Grade Method: REG/AUD; 3 credits
0101 W.....7:00pm- 9:30pm (TWS 3132) STAFF

MUED499B Workshops, Clinics, Institutes; Grade Method: REG/AUD; 3 credits
0101 Tu.....6:00pm- 8:30pm (TWS 3132) STAFF

MUED692 Foundations of Music Education; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:30pm (TWS 3238) Folstrom, R

MUED698A Current Trends in Music Education; Grade Method: REG/AUD; 3 credits
0101 W.....7:00pm- 9:30pm (TWS 3132) STAFF

MUED698B Current Trends in Music Education: Structuring Musical Experiences for Elementary Students; Grade Method: REG/AUD; 3 credits
0101 Tu.....6:00pm- 8:30pm (TWS 3132) STAFF

MUSC Music (Arts and Humanities)

MUSC100A Beginning Class Voice; Grade Method: REG; Limited to non-music majors. 2 credits
0101 TuTh.....9:00am- 9:50am (TWS 3116) STAFF
0201 MW.....10:00am-10:50am (TWS 3228) STAFF
0301 MW.....9:00am- 9:50am (TWS 1123) STAFF
0401 MW.....12:00pm-12:50pm (TWS 3228) STAFF
0501 MW.....11:00am-11:50am (TWS 2138) STAFF
0601 TuTh.....11:00am-11:50am (TWS 3228) STAFF
0701 MW.....1:00pm- 1:50pm (TWS 3228) STAFF
0801 MW.....2:00pm- 2:50pm (TWS 3228) STAFF

MUSC102 Beginning Class Piano I; Grade Method: REG; Limited to MUED and MUSC majors with little or no piano experience. 2 credits
0101 MWF.....12:00pm-12:50pm (TWS 3218) Elliston, R

MUSC102A Beginning Class Piano I; Grade Method: REG; Limited to MUED and MUSC majors with previous piano experience. 2 credits
0101 MWF.....10:00am-10:50am (TWS 3218) Elliston, R

MUSC102B Beginning Class Piano I; Grade Method: REG/P-F; Limited to non-music majors. 2 credits
0101 TuTh.....9:30am-10:45am (TWS 3218) STAFF
0201 TuTh.....12:30pm- 1:45pm (TWS 3218) STAFF

MUSC113 Class Study: Violin; Grade Method: REG/AUD; Limited to MUED majors. 2 credits
0101 MWF.....9:00am- 9:50am (TWS 1102) Berman, J
Tu.....8:00am- 8:50am (TWS 1102) LAB

MUSC116 Class Study: Clarinet; Grade Method: REG/AUD; Limited to MUED majors. 2 credits
0101 MWF.....10:00am-10:50am (TWS 1102) Heim, N
Tu.....8:00am- 8:50am (TWS 1102) LAB

MUSC120 Class Study: Cornet; Grade Method: REG/AUD; Limited to MUED majors. 2 credits
0101 MWF.....8:00am- 8:50am (TWS 1102) Head, E
Tu.....8:00am- 8:50am (TWS 1102) LAB

MUSC123 Movement For Singers; Grade Method: REG/P-F/AUD; 1 credit
0101 Th.....12:30pm- 2:00pm (TWS 1125) Balthrop, C

MUSC126 Vocal Diction: English and Latin; Grade Method: REG/AUD; 1 credit
0101 TuTh.....11:00am-11:50am (TWS 2237) Mabbs, L

MUSC128 Sight Reading For Pianists; Grade Method: REG; For Bachelor of Music piano majors only. 2 credits
0101 TuTh.....10:00am-10:50am (TWS 3129) Garvey, E

MUSC129A Ensemble: Chamber Music - Strings; Grade Method: REG; 1 credit
0101 TBA (TWS 2239) Berman, J
0201 TBA (TWS 3120B) Elsing, E
0301 Time and room to be arranged Steinhardt, A
0401 Time and room to be arranged Tree, M
0501 Time and room to be arranged Soyer, D
0601 Time and room to be arranged Dalley, J

MUSC129B Ensemble: Chamber Music - Woodwinds; Grade Method: REG; 1 credit
0101 TBA (TWS 3125) Montgomery, W
0301 TBA (TWS 1127) Jackson, R
0401 TBA (TWS 3145) Walters, E

MUSC129C Ensemble: Chamber Music - Brasses; Grade Method: REG; 1 credit
0101 TBA (TWS 2229) Olson, O
0201 TBA (TWS 3121) Head, E
0301 Time and room to be arranged Sparks, L

MUSC129D Ensemble: Chamber Music - Clarinet Choir; Grade Method: REG; 1 credit
0101 MF.....2:00pm- 2:50pm (TWS 1123) Heim, N

MUSC129E Ensemble: Chamber Music - Brass Choir; Grade Method: REG; 1 credit
0101 MW.....12:00pm-12:50pm (TWS 1102) Olson, O

MUSC129F Ensemble: Chamber Music - Percussion Ensemble; Grade Method: REG; 1 credit
0101 TuTh.....11:00am-12:15pm (TWS 1102) Barnett, R

MUSC129G Ensemble: Chamber Music - Percussion Keyboard Ensemble; Grade Method: REG; 1 credit
0101 TBA (TWS 1205) Barnett, R

MUSC129J Ensemble: Chamber Music - Jazz Ensemble; Grade Method: REG; 1 credit
0101 MW.....5:30pm- 7:00pm (TWS 1102) Ross, G
0201 MWF.....1:00pm- 1:50pm (TWS 1102) Ross, G

MUSC129K Ensemble: Chamber Music - Non-Western Ensemble; Grade Method: REG; 1 credit
0101 TBA (TWS 3108) Robertson, C

MUSC129L Ensemble: Chamber Music Mixed Media; Grade Method: REG; 1 credit
0101 TBA (TWS 3125) Montgomery, W

MUSC129M Ensemble: Chamber Music - Flute Choir; Grade Method: REG; 1 credit
0101 TuTh.....2:00pm- 3:15pm (TWS 3116) Montgomery, W

MUSC129T Ensemble: Tuba; Grade Method: REG/AUD; 1 credit
0101 MW.....11:00am-12:00pm (TWS 1102) Sparks, L

MUSC130 Survey of Music Literature; Grade Method: REG/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; Limited to non-music majors. 3 credits
0101 MWF.....10:00am-10:50am (TWS 2102) Troth, E
0201 TuTh.....9:30am-10:45am (TWS 2102) STAFF

MUSC140 Music Fundamentals I; Grade Method: REG/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; Limited to non-music majors. 3 credits
0101 MWF.....11:00am-11:50am (TWS 3238) STAFF
0201 TuTh.....8:00am- 9:30am (TWS 2102) Olson, O
0301 MWF.....9:00am- 9:50am (TWS 2102) STAFF

MUSC150 Theory of Music I; Grade Method: REG; Open only to majors in music and music education. 3 credits
0101 MWF.....9:00am- 9:50am (TWS 2123) Payerle, L
TuTh.....9:00am- 9:50am (TWS 2123) LAB
0102 MWF.....9:00am- 9:50am (TWS 2123) Payerle, L
TuTh.....9:00am- 9:50am (TWS 2138) LAB
0201 TuThF.....9:00am- 9:50am (TWS 2135) DeLio, T
MW.....9:00am- 9:50am (TWS 2135) LAB
0202 TuThF.....9:00am- 9:50am (TWS 2135) DeLio, T
MW.....9:00am- 9:50am (TWS 2138) LAB

MUSC155 Fundamentals For the Classroom Teacher; Grade Method: REG/P-F/AUD; Open to early childhood, elementary, pre-early childhood, and pre-elementary students. 3 credits
0201 MWF.....11:00am-11:50am (TWS 2123) STAFF
0301 MWF.....10:00am-10:50am (TWS 2123) STAFF
0401 TuTh.....3:30pm- 4:45pm (TWS 2123) Saunders, C

MUSC200A Intermediate Class Voice I; Grade Method: REG/AUD; Prerequisite: MUSC 100A. Limited to non-music majors. 2 credits
0101 TuTh.....11:00am-12:00pm (TWS 2138) STAFF

MUSC202 Intermediate Class Piano I; Grade Method: REG; Prerequisite: MUSC 103 or permission of instructor. Only for voice and instrumental principals with limited piano experience. 2 credits
0101 MWF.....9:00am- 9:50am (TWS 3218) Elliston, R

MUSC202A Intermediate Class Piano I; Grade Method: REG; Prerequisite: MUSC 103A or permission of instructor. Limited to piano principals and voice majors with piano minor. 2 credits
0101 TuTh.....11:00am-12:15pm (TWS 3218) Elliston, R

MUSC215 The Art of the Performer; Grade Method: REG/P-F; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....10:00am-10:50am (TWS 1125) Walters, E

MUSC217 Class Composition I; Grade Method: REG; Prerequisite: MUSC 151 and permission of instructor. 2 credits
0101 TBA (TWS 1219B) Moss, L

MUSC228 Accompanying For Pianist; Grade Method: REG/AUD; For Bachelor of Music piano majors only. 2 credits
0101 TuTh.....10:00am-10:50am (TWS 2237) STAFF

MUSC229A Ensemble: Orchestra; Grade Method: REG; 1 credit
0101 MW.....3:00pm- 5:00pm (TWS 1102) Hudson, W
Tu.....7:00pm- 9:30pm (TWS 1102)

MUSC229D Ensemble: Symphonic Wind Ensemble; Grade Method: REG; 1 credit
0101 TuTh.....3:30pm- 5:45pm (TWS 1102) Wakefield, J

MUSC229E Ensemble: Concert Band; Grade Method: REG; 1 credit
0101 TuTh.....2:00pm- 3:15pm (TWS 1102) Sparks, L

MUSC229F Ensemble: Marching Band; Grade Method: REG; 1 credit
0101 MWF.....3:00pm- 5:00pm (Arranged) Sparks, L

MUSC229G Ensemble: Marching Band Repertoire; Grade Method: REG; Concurrent registration with MUSC 229F required. 1 credit
0101 Th.....6:30pm- 8:30pm (TWS 1102) Sparks, L

MUSC229I Ensemble: Marching Band Auxiliary; Grade Method: REG; Concurrent registration in MUSC 229F is required. 1 credit
0101 TuTh.....8:00pm-10:00pm (Arranged) Sparks, L

MUSC229R Ensemble: Repertoire Orchestra; Grade Method: REG/AUD; 1 credit
0101 W.....7:30pm- 9:30pm (TWS 1102) Head, E

MUSC230 History of Music I; Grade Method: REG/AUD; Prerequisite: functional knowledge of the language and grammar of music. 3 credits
0101 MWF.....2:00pm- 2:50pm (TWS 2135) STAFF

MUSC250 Advanced Theory of Music I; Grade Method: REG; Prerequisite: MUSC 151. 4 credits
0101 MWF.....10:00am-10:50am (TWS 2135) Payerle, L
TuTh.....10:00am-10:50am (TWS 2135) LAB
0102 MWF.....10:00am-10:50am (TWS 2135) Payerle, L
TuTh.....10:00am-10:50am (TWS 2123) LAB
0201 TuThF.....10:00am-10:50am (TWS 2138) DeLio, T
MW.....10:00am-10:50am (TWS 2138) LAB
0202 TuThF.....10:00am-10:50am (TWS 2138) DeLio, T
MW.....10:00am-10:50am (TWS 3238) LAB

MUSC329A Ensemble: University of Maryland Chorale; Grade Method: REG; Open by audition. 1 credit
0101 TuTh.....3:30pm- 5:30pm (TWS 2102) Folstrom, R

MUSC329D Ensemble: University Chorus; Grade Method: REG; Open by audition. 1 credit
0101 Tu.....7:30pm-10:00pm (TWS 2102) Traver, P

MUSC329E Ensemble: Gospel Choir; Grade Method: REG; 1 credit
0101 Th.....7:00pm-10:00pm (TWS 2102) Foster, V

MUSC330 History of Music II; Grade Method: REG/AUD; Limited to music majors. Romantic era to present. 3 credits
0101 MWF.....2:00pm- 2:50pm (TWS 2123) STAFF

MUSC331 History of Music III; Grade Method: REG/AUD; Prerequisite: MUSC 230 and 330. Limited to music majors. Antiquity through baroque era. 3 credits
0101 MWF.....2:00pm- 2:50pm (TWS 3116) STAFF

MUSC339 Honors in Music; Grade Method: REG; Concurrent registration in MUSC 349 required. 3 credits
0101 Time and room to be arranged STAFF

MUSC340 Music Literature Survey I; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 MW.....2:00pm- 4:00pm (TWS 3238) Troth, E

MUSC345 Jazz Theory and Improvisation I; Grade Method: REG/AUD; Prerequisite: MUSC 251 or permission of instructor. 3 credits
0101 M.....7:00pm-10:00pm (TWS 1102) Ross, G

MUSC349 Honors Seminar in Music; Grade Method: REG; Concurrent enrollment in MUSC 339 required. 1 credit
0101 Th.....12:30pm- 2:00pm (TWS 3107) STAFF

MUSC379 Opera Workshop; Grade Method: REG/AUD; 2 credits
0101 TuTh.....2:00pm- 3:15pm (TWS 3228) Major, L

MUSC388 (PermReq) Music Internship; Grade Method: REG; Must be elected concurrently with MUSC 389. 3 credits
0101 TBA (TWS 2114) Cooper, J

MUSC389 (PermReq) Music Internship Analysis; Grade Method: REG; Must be elected concurrently with MUSC 388. 1 credit
0101 TBA (TWS 2114) Cooper, J

MUSC400I Music Pedagogy; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

MUSC428 Repertoire Coaching of Vocal or Chamber Music; Grade Method: REG; 2 credits
0101 Time and room to be arranged Elliston, R
0201 TBA (TWS 3129) Garvey, E

MUSC429 Opera Theater; Grade Method: REG/AUD; 2-3 credits
0101 MW.....3:00pm- 4:30pm (TWS 3228) Major, L

MUSC432 Music in World Cultures I; Grade Method: REG/AUD; 3 credits
0101 Tu.....3:30pm- 6:00pm (TWS 3116) Robertson, C

MUSC439 Collegium Musicum; Grade Method: REG; 1 credit
0101 MW.....4:00pm- 5:30pm (TWS 1123) Wexler, R

MUSC443 Solo Vocal Literature; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....4:30pm- 6:00pm (TWS 2138) Urban, E

MUSC448 (PermReq) Special Topics in Music; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 2-6 credits

MUSC448A (PermReq) Special Topics in Music: Keyboard Jazz Improvisation; Grade Method: REG/AUD; 3 credits
0101 MWF.....11:00am-12:00pm (TWS 3218) Elliston, R

MUSC448B Special Topics in Music: Theories of Heinrich Schenker; Grade Method: REG/AUD; 2 credits
0101 Tu.....2:00pm- 4:00pm (TWS 1123) DeLio, T

MUSC448D Special Topics in Music: Jazz Vocal Techniques and Piano Accompaniments; Grade Method: REG/AUD; Open by audition. 2 credits
0101 Tu.....7:00pm- 9:30pm (TWS 3218) Elliston, R
0201 W.....7:00pm- 9:30pm (TWS 3218) Wells, R

MUSC448E (PermReq) Special Topics in Music: Advanced Lyric Diction: Italian; Grade Method: REG; 2 credits
0101 TBA (TWS 2124) STAFF

MUSC448F (PermReq) Special Topics in Music: Advanced Lyric Diction: German; Grade Method: REG; 2 credits
0101 TBA (TWS 2124) STAFF

MUSC448G Special Topics in Music: Symphonic Literature; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:30pm (TWS 3116) Serwer, H

MUSC448I Special Topics in Music: Guarneri String Quartet Masterclass; Grade Method: REG/AUD; 2 credits
0101 Time and room to be arranged Dalley, J
0201 Time and room to be arranged Soyer, D
0301 Time and room to be arranged Steinhardt, A
0401 Time and room to be arranged Tree, M

MUSC448J Special Topics in Music: The Business of Music I; Grade Method: REG/AUD; 2 credits
0101 MW.....2:00pm- 2:50pm (TWS 2138) Walters, E

MUSC448M (PermReq) Special Topics in Music: Interpretation of Vocal Literature; Grade Method: REG/AUD; Open to singers and pianists. 2 credits
0101 TBA (TWS 2237) McCoy, R

MUSC450 Musical Form; Grade Method: REG/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (TWS 2123) Payerle, L

MUSC457 Electronic Music Composition; Grade Method: REG; 2 credits
0101 Tu.....2:00pm- 4:00pm (TWS 1231A) Wilson, M
0201 W.....11:00am- 1:00pm (TWS 1231A) Wilson, M

MUSC467 Piano Pedagogy I; Grade Method: REG/AUD; For music majors only. 3 credits
0101 MW.....11:30am- 1:00pm (TWS 2102) STAFF

MUSC470 Harmonic and Contrapuntal Practices of the Twentieth Century; Grade Method: REG/AUD; 2 credits
0101 TuTh.....11:00am-11:50am (TWS 2135) Wilson, M

MUSC481 Music in the Renaissance; Grade Method: REG/AUD; 3 credits
0101 MW.....11:00am-12:30pm (TWS 3106) Youens, L

MUSC485 Music in the 20Th Century; Grade Method: REG/AUD; 3 credits
0101 W.....7:00pm- 9:30pm (TWS 3116) Davis, S

MUSC490 Conducting; Grade Method: REG/AUD; Prerequisite: MUSC 251. 2 credits
0101 MWF.....1:00pm- 1:50pm (TWS 2138) Hudson, W
0201 MWF.....1:00pm- 1:50pm (TWS 2135) Cooper, J

MUSC499 Independent Studies; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 2-3 credits

MUSC608 Chamber Music Repertoire; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

MUSC643 Seminar in Solo Vocal Literature I; Grade Method: REG/AUD; 3 credits
0101 TuTh.....4:30pm- 6:00pm (TWS 2138) Urban, E

MUSC648 Seminar in Music Research; Grade Method: REG/AUD; 3 credits
0101 Th.....9:30am-12:00pm (TWS 2114B) Cohen, H
0201 Tu.....7:00pm- 9:30pm (TWS 3116) Youens, L

MUSC650 The Contemporary Idiom; Grade Method: REG/AUD; 3 credits
0101 Th.....3:00pm- 5:30pm (TWS 1219B) Moss, L

MUSC679 Seminar in Ethnomusicology; Grade Method: REG/AUD; 3 credits
0101 Th.....3:30pm- 6:00pm (TWS 3116) Robertson, C

MUSC689 Advanced Conducting; Grade Method: REG/AUD; 3 credits
0101 W.....4:00pm- 6:30pm (TWS 2135) Traver, P
0201 TBA (TWS 3267) Hudson, W
0301 TBA (TWS 1108) Wakefield, J

MUSC699 Special Topics in Music; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 2-6 credits

MUSC699A (PermReq) Special Topics in Music: Opera Techniques I; Grade Method: REG; 2 credits
0101 MWF.....9:00am-10:30am (TWS 2148C) Major, L
MWF.....2:00pm- 5:00pm (Arranged) LAB

MUSC699B Special Topics in Music: Theories of Heinrich Schenker; Grade Method: REG/AUD; 2 credits
0101 Tu.....2:00pm- 4:00pm (TWS 1123) DeLio, T

MUSC699C (PermReq) Special Topics in Music: Advanced Opera Techniques I; Grade Method: REG; 2 credits
0101 MWF.....2:00pm- 5:00pm (TWS 2148C) Major, L
Time and room to be arranged LAB

MUSC699D Special Topics in Music: Jazz Vocal Techniques and Piano Accompaniments; Grade Method: REG/AUD; Open by audition. 2 credits
0101 Tu.....7:00pm- 9:30pm (TWS 3218) Elliston, R
0201 W.....7:00pm- 9:30pm (TWS 3218) Wells, R

MUSC699F Special Topics in Music: Advanced Lyric Diction: German; Grade Method: REG; 2 credits
0101 STAFF

MUSC699G Special Topics in Music: Symphonic Literature; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:30pm (TWS 3116) Serwer, H

MUSC699I Special Topics in Music: Guarneri String Quartet Masterclass; Grade Method: REG/AUD; 2 credits
0101 Time and room to be arranged Dalley, J
0201 Time and room to be arranged Soyer, D
0301 Time and room to be arranged Steinhardt, A
0401 Time and room to be arranged Tree, M

MUSC699J Special Topics in Music: The Business of Music I; Grade Method: REG/AUD; 2 credits
0101 MW.....2:00pm- 2:50pm (TWS 2138) Walters, E

MUSC699M (PermReq) Special Topics in Music: Interpretation of Vocal Literature; Grade Method: REG/AUD; Open to singers and pianists. 2 credits
0101 TBA (TWS 2237) McCoy, R

MUSC799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

MUSC800I Advanced Seminar in Music Pedagogy; Grade Method: REG/AUD; 3 credits
0101 TBA (TWS 3125) Montgomery, W

MUSC800P Advanced Seminar in Music Pedagogy; Grade Method: REG/AUD; 3 credits
0101 TBA (TWS 2102) STAFF

MUSC830I Doctoral Seminar in Music Literature; Grade Method: REG/AUD; 3 credits
0101 TBA (TWS 3125) Montgomery, W

MUSC830V Doctoral Seminar in Music Literature; Grade Method: REG/AUD; For voice majors. 3 credits
0101 TuTh.....4:30pm- 6:00pm (TWS 3238) STAFF

MUSC878 Advanced Composition; Grade Method: REG/AUD; 3 credits
0101 TBA (TWS 1219B) Moss, L
0201 TBA (TWS 1241) DeLio, T
0301 TBA (TWS 1231C) Wilson, M
0401 TBA (TWS 1241A) Gibson, R

MUSC899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

MUSP Music Performance (Arts & Humanities)

Individual performance instruction courses in piano, voice and instruments are open to qualified major and non-major students by prior audition and permission of the Music Department Chairman.

Audition schedules, prerequisites, instructor section numbers, and registration permission forms may be obtained in the Department of Music Office.

INSTRUMENT DESIGNATION
Indicate the instrument chosen by adding a suffix to the course number.

SUFFIX	INSTRUMENT	SUFFIX	INSTRUMENT	SUFFIX	INSTRUMENT
A	Piano	J	Bassoon		
B	Voice	K	Saxophone	T	Composition

C	Violin	L	Horn	U	World inst undergrad
D	Viola	M	Trumpet	U	Conducting graduate
E	Cello	N	Trombone	V	Harp
F	Bass	O	Tuba	W	Electronic comp.
G	Flute	P	Euphonium	X	Hist inst - keyboard
H	Oboe	Q	Percussion	Y	Hist inst - strings
I	Clarinet			Z	Hist inst - winds

MINOR SERIES

Intended for either music majors studying a secondary instrument or non-music majors. Each course in the series must be taken in sequence. The initial election for all new students, both freshman and transfer, is 102. Transfer students are evaluated for higher placement after one semester of study.

MUSP102, 103, 202, 203, 302, 303, 402, 403 — 2 credits
(PermReq) Music Performance; Minor Series
Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,U,V,X,Y,Z
Time and room to be arranged.

PRINCIPAL SERIES

Intended for students majoring in music programs other than performance and composition. Each course in the series must be taken in sequence. The initial election for all new students, both freshman and transfer, is 109. Transfer students are evaluated for higher placement after one semester of study.

MUSP109, 110, 207, 208, 305, 306, 409, 410 — 2 or 4 credits
(PermReq) Music Performance; Principal Series
Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,X,Y,Z
Time and room to be arranged.

MUSP609 — Interpretation and Repertoire — 2 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,X
Time and room to be arranged.

MUSP610 — Graduate Music Performance — 4 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,X
Time and room to be arranged.

MAJOR SERIES

Intended for students majoring in music performance and composition. Each course in the series must be taken in sequence. The initial election for all new students, both freshman and transfer, is 119. Transfer students are evaluated for higher placement after one semester of study.

MUSP119, 120, 217, 218, 315, 316, 419, 420 — 2 or 4 credits
(PermReq) Music Performance; Major Series
Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,W
Time and room to be arranged.

MUSP619 — Interpretation and Repertoire — 2 or 4 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,V,W
Time and room to be arranged.

MUSP620 — Graduate Music Performance — 4 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,V,W
Time and room arranged.

MUSP719 — Interpretation and Repertoire — 2 or 4 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,W
Time and room to be arranged.

MUSP815 — Interpretation, Performance, and Pedagogy — 4 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,W
Time and room to be arranged.

MUSP816 — Interpretation, Performance, and Pedagogy — 4 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,W
Time and room to be arranged.

MUSP817 — Interpretation, Performance, and Pedagogy — 4 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,W
Time and room to be arranged.

MUSC Nutritional Science (Agriculture)

MUSC402 — Fundamentals of Nutrition; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (CHM 0119) — Thomas, O

MUSC425 — International Nutrition; Grade Method: REG/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits
0101 TuTh.....4:00pm- 5:15pm (ARM 0110) — Guthrie, J

MUSC698 — Seminar in Nutrition; Grade Method: REG/AUD; — 1-3 credits
0101 Tu.....4:00pm- 4:50pm (CHM 0127) — Soares Jr, J

MUSC699 — Problems in Nutrition; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits
(PermReq)

MUSC799 — Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

MUSC899 — Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

NUTR Nutrition (Human Ecology)

NUTR100 — Elements of Nutrition; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; — 3 credits
0101 MWF.....10:00am-10:50am (ARM 0126) — Ahrens, R

NUTR200 — Nutrition For Health Services; Grade Method: REG/P-F/AUD; Pre or corequisites: CHEM 104; ZOOL 201 or ZOOL 202. — 3 credits
0101 TuTh.....1:00pm- 1:50pm (MMH 1400) — Prather, M
M.....2:00pm- 4:00pm (MMH 1400) LAB
0102 TuTh.....1:00pm- 1:50pm (MMH 1400) — Prather, M
M.....1:00pm- 3:00pm (MMH 3209) LAB
0103 TuTh.....1:00pm- 1:50pm (MMH 1400) — Prather, M
W.....2:00pm- 4:00pm (MMH 3418) LAB
0104 TuTh.....1:00pm- 1:50pm (MMH 1400) — Prather, M
W.....1:00pm- 3:00pm (MMH 3209) LAB
0105 TuTh.....1:00pm- 1:50pm (MMH 1400) — Prather, M
F.....10:00am-12:00pm (MMH 3209) LAB

NUTR330 — Nutritional Biochemistry; Grade Method: REG/P-F/AUD; Open to FNIA majors only. — 3 credits
0101 TuTh.....8:00am- 9:15am (MMH 3418) — Ahrens, R

NUTR335 — History of Nutrition; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: a basic nutrition course. — 3 credits
0101 TuTh.....11:00am-12:15pm (ARM 0110) — Ahrens, R

NUTR425 — International Nutrition; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisite: NUTR 100 or equivalent. — 3 credits
0101 MW.....4:00pm- 5:15pm (WDS 1127) — STAFF

NUTR450 — Advanced Human Nutrition II; Grade Method: REG/P-F/AUD; Prerequisites: NUTR 440 or permsission of instructor. Course offered fall semesters only. — 4 credits
(PermReq)
0101 MWF.....1:00pm- 1:50pm (MMH 3418) — Moser-Veillon,
M.....2:00pm- 5:00pm (MMH 3419) LAB
0102 MWF.....1:00pm- 1:50pm (MMH 3418) — Moser-Veillon,
W.....2:00pm- 5:00pm (MMH 3419) LAB

NUTR468 — Practicum in Nutrition; Grade Method: S-F; — 1-6 credits
(PermReq)
0101 Time and room to be arranged — Williams, E

NUTR470 — Community Nutrition; Grade Method: REG/P-F/AUD; Prerequisite: NUTR 300. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (JRN 1101) — Taylor, M

NUTR490 — Special Problems in Nutrition; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 2-3 credits
(PermReq)

NUTR498A — Special Topics: Individual Study; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits
(PermReq)

NUTR615 — Maternal and Infant Nutrition; Grade Method: REG/AUD; Prerequisite: NUTR 460 or equivalent, or consent of instructor. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (MMH 0108) — Williams, E

NUTR620 — Nutrition For Community Services; Grade Method: REG/AUD; — 3 credits
0101 MW.....4:00pm- 5:15pm (JRN 1101) — Taylor, M

NUTR635 — Carbohydrates, Lipids and Proteins in Human Nutrition; Grade Method: REG/AUD; — 3 credits
0101 MW.....5:30pm- 6:45pm (WDS 1101) — Williams, E

NUTR660 — Research Methods; Grade Method: REG/AUD; Prerequisite: a statistics course; — 3 credits
0101 TuTh.....5:00pm- 6:15pm (MMH 3418) — Prather, M

NUTR678A — Special Topics in Nutrition: Individual Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits
(PermReq)

NUTR678P — Special Topics in Nutrition: Practicum in Nutrition; Grade Method: REG/AUD; — 1-6 credits
(PermReq)
0101 Time and room to be arranged — Williams, E

NUTR698 — Seminar in Nutrition; Grade Method: REG/AUD; — 1 credit
0101 Th.....4:00pm- 4:50pm (MMH 3418) — Moser-Veillon,

NUTR699 — Problems in Nutrition; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits
(PermReq)

NUTR789 — Non-Thesis Research; Grade Method: S-F; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

NUTR799 — Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits
(PermReq)

NUTR888 — Doctoral Seminar; Grade Method: REG/AUD; — 1 credit
(PermReq)
0101 F.....2:00pm- 4:00pm (MMH 0108) — Read, M

NUTR899 — Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits
(PermReq)

PCOM Public Communication (Arts and Humanities)

PCOM700 — Introduction to Doctoral Study in the Public Communication Arts; Grade Method: REG/AUD; Instructors are: Dr. Michael Gurevitch and Dr. J Klumpp. — 3 credits
(PermReq)
0101 M.....6:00pm- 9:00pm (JRN 1116) — Gurevitch, M

PCOM702 — Advanced Research Methods in Public Communications; Grade Method: REG/AUD; — 3 credits
0101 Th.....7:00pm-10:00pm (TWS 2230) — Fink, E

PCOM712 — Historical-Critical Research in Public Communication II; Grade Method: REG/AUD; Instructors for this course are Dr. Roger L. Meersman and Dr. Maurine Beasley. — 3 credits
(PermReq)
0101 Tu.....7:00pm-10:00pm (TWS 2228) — Beasley, M

PCOM888 — Doctoral Practicum in Public Communication; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3-9 credits
(PermReq)

PCOM889 — Doctoral Tutorial in Public Communication; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3-8 credits
(PermReq)

PCOM899 — Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits
(PermReq)

PERH Physical Education, Recreation, and Health (Phys Ed, Recr, & Health)

PERH386 — Field Work; Grade Method: REG/P-F/AUD; Contact Center on Aging. — 1-3 credits
(PermReq)
0101 Time and room to be arranged — Pollack, S

PERH387 — Field Work Analysis; Grade Method: REG/P-F/AUD; — 1-3 credits
(PermReq)
0101 Time and room to be arranged — Pollack, S

PERH488 — Children's Health and Development Clinic; Grade Method: REG/P-F/AUD; — 1 credit
0101 Sa.....8:30am-12:30pm (PRH 0103) — Hahn, P

PERH688 — Field Work in Aging; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits
(PermReq)

PHED Physical Education (Phys Ed, Recr, & Health)

Physical Education Activities

For classes requiring uniforms, students must bring lock and proof of PAID registration to equipment room for clothing issue.

PHED100N — Physical Education Activities: Men: Basketball (Beginning); Grade Method: REG/P-F; Meets second eight weeks only. Schedule Adjustment Period is 10/24 - 10/28. — 1 credit
0001 Meets 10/24/88 - 12/11/88 — STAFF
TuTh.....8:00am-10:00am (PRH 2240) LAB

PHED1000 — Physical Education Activities: Men: Basketball (Intermediate); Grade Method: REG/P-F; — 2 credits
0001 MW.....8:00am-10:00am (PRH 2240) LAB — STAFF
0002 TuTh.....3:00pm- 5:00pm (PRH 2240) LAB — STAFF
0003 MW.....10:00am-12:00pm (ARM 1122) LAB — STAFF

PHED110N — Physical Education Activities: Men: Wrestling (Beginning); Grade Method: REG/P-F; — 2 credits
0001 MW.....12:00pm- 2:00pm (PRH 0107) LAB — STAFF

PHED131V — Physical Education Activities: Coed: Jogging; Grade Method: REG/P-F; — 2 credits
0001 MW.....2:00pm- 4:00pm (PRH 0102) LAB — STAFF
0002 TuTh.....10:00am-12:00pm (PRH 0110) LAB — STAFF
0003 TuTh.....2:00pm- 4:00pm (PRH 0110) LAB — STAFF

PHED132N — Physical Education Activities: Coed: Badminton, (Beginning); Grade Method: REG/P-F; Meets first eight weeks only. Schedule Adjustment Period is 9/6 - 9/12. — 1 credit
0001 Meets 09/06/88 - 10/21/88 — STAFF
TuTh.....3:00pm- 5:00pm (PRH 2101) LAB

PHED134N — Physical Education Activities: Coed: Bowling (Beginning); Grade Method: REG/P-F; Students must pay a $10.00 facility fee. Bowling shoes required. May be rented for $.60 per session. — 2 credits
0001 MW.....8:00am-10:00am (SSU B0100) LAB — STAFF
0002 MW.....2:00pm- 4:00pm (SSU B0100) LAB — STAFF
0003 TuTh.....8:00am-10:00am (SSU B0100) LAB — STAFF
0004 TuTh.....10:00am-12:00pm (SSU B0100) LAB — STAFF
0005 TuTh.....12:00pm- 2:00pm (SSU B0100) LAB — STAFF

PHED1340 — Physical Education Activities: Coed: Bowling (Intermediate); Grade Method: REG/P-F; Students must pay a $10.00 facility fee. Bowling shoes required. May be rented for $.60 per session. — 2 credits
0001 MW.....10:00am-12:00pm (SSU B0100) LAB — STAFF
0002 MW.....12:00pm- 2:00pm (SSU B0100) LAB — STAFF
0003 TuTh.....2:00pm- 4:00pm (SSU B0100) LAB — STAFF

PHED136N — Physical Education Activities: Coed: Fencing (Beginning); Grade Method: REG/P-F; Meets second eight weeks only. Schedule Adjustment Period is 10/24 - 10/28. — 1 credit
0001 Meets 10/24/88 - 12/11/88 — STAFF
TuTh.....1:00pm- 3:00pm (PRH 0107) LAB

PHED137N — Physical Education Activities: Coed: Golf (Beginning); Grade Method: REG/P-F; Meets first eight weeks only. Meets in golf range classroom. Schedule Adjustment Period is 9/6 - 9/12. — 1 credit
0001 Meets 09/06/88 - 10/21/88 — STAFF
MW.....8:00am-10:00am (GLF 1102) LAB
0002 Meets 09/06/88 - 10/21/88 — STAFF
MW.....10:00am-12:00pm (GLF 1102) LAB
0003 Meets 09/06/88 - 10/21/88 — STAFF
MW.....12:00pm- 2:00pm (GLF 1102) LAB
0004 Meets 09/06/88 - 10/21/88 — STAFF
TuTh.....8:00am-10:00am (GLF 1102) LAB
0005 Meets 09/06/88 - 10/21/88 — STAFF
TuTh.....10:00am-12:00pm (GLF 1102) LAB
0006 Meets 09/06/88 - 10/21/88 — STAFF
TuTh.....12:00pm- 2:00pm (GLF 1102) LAB

PHED137P — Physical Education Activities: Coed: Golf (Advanced); Grade Method: REG/P-F; Meets first eight weeks only. Meets in golf range classroom. Schedule Adjustment Period is 9/6 - 9/12. — 1 credit
0001 Meets 09/06/88 - 10/21/88 — STAFF
MW.....2:00pm- 4:00pm (GLF 1102) LAB

PHED140S — Physical Education Activities: Coed: Gymnastics, Trampoline (Beginning); Grade Method: REG/P-F; — 2 credits
0001 MW.....10:00am-12:00pm (PRH 1120) LAB — STAFF
0002 MW.....12:00pm- 2:00pm (PRH 1120) LAB — STAFF

PHED140V — Physical Education Activities: Coed: Gymnastics, Tumbling and Balancing (Beginning); Grade Method: REG/P-F; — 2 credits
0001 TuTh.....1:00pm- 3:00pm (PRH 1120) LAB — STAFF

PHED140Y — Physical Education Activities: Coed: Gymnastics, Apparatus (Beginning); Grade Method: REG/P-F; — 2 credits
0001 MW.....1:00pm- 3:00pm (PRH 1120) LAB — STAFF

PHED144Q — Physical Education Activities: Coed: Martial Arts, Karate (Beginning); Grade Method: REG/P-F; — 2 credits
0001 MW.....8:00am-10:00am (PRH 0107) LAB — STAFF
0002 MW.....10:00am-12:00pm (PRH 0107) LAB — STAFF
0003 MW.....2:00pm- 4:00pm (PRH 0107) LAB — STAFF

PHED144R — Physical Education Activities: Coed: Martial Arts and Karate (Intermediate); Grade Method: REG/P-F; — 2 credits
0001 MW.....11:00am- 1:00pm (PRH 0110) LAB — STAFF

PHED144T — Physical Education Activities: Coed: Martial Arts, Self Defense; Grade Method: REG/P-F; — 2 credits
0001 TuTh.....7:00pm- 9:00pm (PRH 0107) — Graham, W
0002 MW.....1:00pm- 3:00pm (PRH 0110) — Jensen, J

PHED146N — Physical Education Activities: Coed: Racquetball (Beginning); Grade Method: REG/P-F; — 1 credit
0001 MWF.....8:00am- 8:50am (PRH 0222) LAB — STAFF
0002 MWF.....10:00am-10:50am (PRH 0222) LAB — STAFF
0003 MWF.....1:00pm- 1:50pm (PRH 0222) LAB — STAFF
0004 MWF.....2:00pm- 2:50pm (PRH 0222) LAB — STAFF
0005 MWF.....3:00pm- 3:50pm (PRH 0222) LAB — STAFF
0006 TuTh.....8:00am- 9:15am (PRH 0222) LAB — STAFF
0007 TuTh.....9:00am-10:15am (PRH 0222) LAB — STAFF
0008 TuTh.....11:00am-12:15pm (PRH 0222) LAB — STAFF
0009 TuTh.....2:00pm- 3:15pm (PRH 0222) LAB — STAFF
0010 TuTh.....3:00pm- 4:15pm (PRH 0222) LAB — STAFF
0011 MWF.....9:00am- 9:50am (PRH 0222) LAB — STAFF

PHED1460 — Physical Education Activities: Coed: Racquetball (Intermediate); Grade Method: REG/P-F; — 1 credit
0001 TuTh.....10:00am-11:15am (PRH 0222) LAB — STAFF
0002 TuTh.....1:00pm- 2:15pm (PRH 0222) LAB — STAFF
0003 MWF.....11:00am-11:50am (PRH 0222) LAB — STAFF

PHED147N — Physical Education Activities: Coed: Scuba (Beginning); Grade Method: REG/P-F; — 2 credits
0001 MWF.....8:00am- 8:50am (COL 0104) — Landers Jr., R
MWF.....8:00am- 8:50am (COL 1206) LAB
0002 TuTh.....8:00am- 9:15am (COL 0104) — Landers Jr., R
TuTh.....8:00am- 9:15am (COL 1206) LAB
0003 TuTh.....2:00pm- 3:15pm (COL 0100) — Landers Jr., R
TuTh.....2:00pm- 3:15pm (COL 1206) LAB

PHED150N — Physical Education Activities: Coed: Skating, Ice (Beginning); Grade Method: REG/P-F; Meets second eight weeks only. Students must provide own transportation and pay $10.00 facility/equipment fee. Schedule Adjustment Period is 10/24 - 10/28. — 1 credit
0001 Meets 10/24/88 - 12/11/88 — STAFF
MW.....9:00am-11:00am (COL 1100) LAB

PHED152N — Physical Education Activities: Coed: Soccer (Beginning); Grade Method: REG/P-F; Meets first eight weeks only. Schedule Adjustment Period is 9/6 - 9/12. — 1 credit
0001 Meets 09/06/88 - 10/21/88 — STAFF
MW.....1:00pm- 3:00pm (COL 1100) LAB

PHED154N — Physical Education Activities: Coed: Swimming (Beginning); Grade Method: REG/P-F; Section 0001 is strictly for non-swimmers. — 1 credit
0001 MWF.....12:00pm-12:50pm (PKT 1112) LAB — STAFF
0002 MWF.....1:00pm- 1:50pm (COL 1206) LAB — STAFF
0003 TuTh.....8:00am- 9:15am (PKT 1112) LAB — STAFF
0004 TuTh.....9:00am-10:15am (COL 1206) LAB — STAFF

PHED1540 — Physical Education Activities: Coed: Swimming (Intermediate); Grade Method: REG/P-F; — 1 credit
0001 TuTh.....12:00pm- 1:15pm (PKT 1112) LAB — STAFF
0002 TuTh.....1:00pm- 2:15pm (COL 1206) LAB — STAFF
0003 TuTh.....11:00am-12:15pm (PKT 1112) LAB — STAFF
0004 TuTh.....2:00pm- 3:15pm (PKT 1112) LAB — STAFF

PHED154P — Physical Education Activities: Coed: Swimming (Advanced); Grade Method: REG/P-F; — 2 credits
0001 MW.....9:00am-11:00am (COL 1206) LAB — STAFF

PHED154T — Physical Education Activities: Coed: Swimming, Fitness (Beginning); Grade Method: REG/P-F; — 1 credit
0001 MWF.....1:00pm- 1:50pm (PKT 1112) LAB — STAFF
0002 MWF.....2:00pm- 2:50pm (PKT 1112) LAB — STAFF

PHED154W — Physical Education Activities: Coed: Swimming, Advanced Life Saving; Grade Method: REG/P-F; Advanced swimming ability is a prerequisite. — 2 credits
0001 MW.....8:00am-10:00am (PKT 1112) LAB — STAFF
0002 TuTh.....10:00am-12:00pm (COL 1206) LAB — STAFF

PHED154Y — Physical Education Activities: Coed: Swimming, Water Safety Instruction; Grade Method: REG/P-F; Current advanced life saving is a prerequisite. — 2 credits
0001 MW.....10:00am-12:00pm (PKT 1112) LAB — STAFF

PHED155N — Physical Education Activities: Coed: Tennis (Beginning); Grade Method: REG/P-F; Meets first eight weeks only. Schedule Adjustment Period is 9/6 - 9/12. — 1 credit

0001 Meets 09/06/88 - 10/21/88 STAFF
MW.....3:00pm- 5:00pm (PRH 2101) LAB
0002 Meets 09/06/88 - 10/21/88 STAFF
MW.....8:00am-10:00am (COL 1100) LAB
0003 Meets 09/06/88 - 10/21/88 STAFF
TuTh.....1:00pm- 3:00pm (PRH 2240) LAB
0004 Meets 09/06/88 - 10/21/88 STAFF
MW.....10:00am-12:00pm (PRH 2101) LAB
0005 Meets 09/06/88 - 10/21/88 STAFF
MW.....1:00pm- 3:00pm (COL 1100) LAB
0006 Meets 09/06/88 - 10/21/88 STAFF
MW.....1:00pm- 3:00pm (PRH 2101) LAB
0007 Meets 09/06/88 - 10/21/88 STAFF
TuTh.....8:00am-10:00am (COL 1100) LAB
0008 Meets 09/06/88 - 10/21/88 STAFF
TuTh.....10:00am-12:00pm (COL 1100) LAB
0009 Meets 09/06/88 - 10/21/88 STAFF
TuTh.....10:00am-12:00pm (PRH 2240) LAB

PHED1550 Physical Education Activities: Coed: 1 credit
Tennis (Intermediate); Grade Method: REG/P-F; Meets first eight weeks only. Schedule Adjustment Period is 9/6 - 9/12.
0001 Meets 09/06/88 - 10/21/88 STAFF
MW.....10:00am-12:00pm (COL 1100) LAB
0002 Meets 09/06/88 - 10/21/88 STAFF
TuTh.....1:00pm- 3:00pm (COL 1100) LAB
0003 Meets 09/06/88 - 10/21/88 STAFF
MW.....2:00pm- 4:00pm (PRH 2240) LAB
0004 Meets 09/06/88 - 10/21/88 STAFF
TuTh.....8:00am-10:00am (COL 1100) LAB
0005 Meets 09/06/88 - 10/21/88 STAFF
TuTh.....10:00am-12:00pm (COL 1100) LAB

PHED155P Physical Education Activities: Coed: 1 credit
Tennis (Advanced); Grade Method: REG/P-F; Meets first eight weeks only. Section 0001 includes tournament preparation/advanced drills. Schedule Adjustment Period is 9/6 - 9/12.
0001 Meets 09/06/88 - 10/21/88 STAFF
TuTh.....1:00pm- 3:00pm (PRH 2101) LAB
0002 Meets 09/06/88 - 10/21/88 STAFF
TuTh.....3:00pm- 5:00pm (PRH 2101) LAB

PHED157N Physical Education Activities: Coed: 1 credit
Weight Training (Beginning); Grade Method: REG/P-F;
0001 MWF.....8:00am- 8:50am (PRH 0103) LAB STAFF
0002 MWF.....9:00am- 9:50am (PRH 0103) LAB STAFF
0003 MWF.....10:00am-10:50am (PRH 0103) LAB STAFF
0004 MWF.....1:00pm- 1:50pm (PRH 0103) LAB STAFF
0005 TuTh.....4:00pm- 5:15pm (PRH 0103) LAB STAFF
0006 MW.....3:00pm- 4:15pm (PRH 0103) LAB STAFF
0007 MW.....4:00pm- 5:15pm (PRH 0103) LAB STAFF
0008 TuTh.....8:00am- 9:15am (PRH 0103) LAB STAFF
0009 TuTh.....9:00am-10:15am (PRH 0103) LAB STAFF
0010 TuTh.....10:00am-11:15am (PRH 0103) LAB STAFF
0011 TuTh.....11:00am-12:15pm (PRH 0103) LAB STAFF
0012 TuTh.....3:00pm- 4:15pm (PRH 0103) LAB STAFF

PHED1570 Physical Education Activities: Coed: 1 credit
Weight Training (Intermediate); Grade Method: REG/P-F;
0001 MWF.....11:00am-11:50am (PRH 0103) LAB STAFF
0002 MWF.....12:00pm-12:50pm (PRH 0103) LAB STAFF
0003 TuTh.....12:00pm- 1:15pm (PRH 0103) LAB STAFF

PHED157Q Physical Education Activities: Coed: Body 1 credit
Building; Grade Method: REG/P-F;
0001 TuTh.....1:00pm- 1:50pm (PRH 0103) LAB STAFF
0002 TuTh.....2:00pm- 2:50pm (PRH 0103) LAB STAFF

PHED160N Physical Education Activities: Coed: 1 credit
Volleyball (Beginning); Grade Method: REG/P-F; Meets second eight weeks only. Schedule Adjustment Period is 10/24 - 10/28.
0001 Meets 10/24/88 - 12/11/88 STAFF
MW.....3:00pm- 5:00pm (PRH 2101) LAB
0002 Meets 10/24/88 - 12/11/88 STAFF
TuTh.....10:00am-12:00pm (PRH 2101) LAB

PHED1600 Physical Education Activities: Coed: 1 credit
Volleyball (Intermediate); Grade Method: REG/P-F; Meets second eight weeks only. Schedule Adjustment Period is 10/24 - 10/28.
0001 Meets 10/24/88 - 12/11/88 STAFF
MW.....1:00pm- 3:00pm (PRH 2101) LAB
0002 Meets 10/24/88 - 12/11/88 STAFF
TuTh.....3:00pm- 5:00pm (PRH 2101) LAB

PHED160P Physical Education Activities: Coed: 2 credits
Volleyball (Advanced); Grade Method: REG/P-F;
0001 MW.....10:00am-12:00pm (PRH 2101) LAB STAFF

PHED161N Physical Education Activities: Coed: 2 credits
Conditioning (Beginning); Grade Method: REG/P-F;
0001 MW.....10:00am-12:00pm (COL 0102) LAB STAFF
MW.....10:00am-12:00pm (COL 0100) LAB
0002 MW.....12:00pm- 2:00pm (COL 0102) LAB STAFF
MW.....12:00pm- 2:00pm (COL 0100) LAB
0003 TuTh.....12:00pm- 2:00pm (COL 0102) LAB STAFF
TuTh.....12:00pm- 2:00pm (COL 0100) LAB

PHED161Q Physical Education Activities: Coed: 2 credits
Conditioning (Aerobic Dance-Beginning); Grade Method: REG/P-F;
0001 TuTh.....10:00am-12:00pm (COL 0100) LAB STAFF
TuTh.....10:00am-12:00pm (COL 0102) LAB
0002 TuTh.....4:00pm- 6:00pm (PRH 0102) LAB STAFF
0003 MW.....10:00am-12:00pm (PRH 2240) LAB STAFF
0004 MW.....8:00am-10:00am (PRH 0102) LAB STAFF
0005 TuTh.....1:00pm- 3:00pm (PRH 2240) LAB STAFF
0006 TuTh.....7:00pm- 9:00pm (PRH 0102) LAB STAFF
0007 MW.....4:00pm- 6:00pm (PRH 0102) LAB STAFF
0008 TuTh.....2:00pm- 4:00pm (PRH 0102) LAB STAFF

PHED161S Physical Education Activities: Coed: 2 credits
Conditioning (Aerobic Dance-Intermediate); Grade Method: REG/P-F;
0001 MW.....3:00pm- 5:00pm (PRH 2240) LAB STAFF
0002 TuTh.....10:00am-12:00pm (PRH 0102) LAB STAFF

PHED161T Physical Education Activities: Coed: 2 credits
Conditioning (Yoga-Beginning); Grade Method: REG/P-F;
0001 TuTh.....10:00am-12:00pm (PRH 0107) LAB STAFF

PHED161U Physical Education Activities: Coed: 2 credits
Conditioning (Aerobic Dance-Advanced); Grade Method: REG/P-F;
0001 TuTh.....12:00pm- 2:00pm (PRH 0102) LAB STAFF

Physical Education Professional Courses-

PHED180 Foundations of Physical Education; Grade 3 credits
Method: REG/P-F/AUD;
0101 MWF.....9:00am- 9:50am (PRH 1302) Owens, L

PHED181 Fundamentals of Movement; Grade Method: 2 credits
REG/P-F/AUD;
0101 TuTh.....9:30am-10:45am (PRH 1302) LAB STAFF

PHED182 Rhythmic Activities; Grade Method: 2 credits
REG/P-F/AUD;
0101 TuTh.....12:00pm- 1:15pm (PRH 0110) LAB STAFF

PHED202 Badminton Skills Laboratory; Grade Method: 1 credit
REG/P-F/AUD; Meets first eight weeks only. Schedule Adjustment Period is 9/6 - 9/12.
0101 Meets 09/06/88 - 10/21/88 STAFF
TuTh.....1:00pm- 3:00pm (PRH 2101) LAB

PHED204 Basketball Skills Laboratory; Grade 1 credit
Method: REG/P-F/AUD; Meets second eight weeks only. Schedule Adjustment Period is 10/24 - 10/28.
0101 Meets 10/24/88 - 12/11/88 STAFF
TuTh.....10:00am-12:00pm (PRH 2240) LAB

PHED214 Soccer Skills Laboratory; Grade Method: 1 credit
REG/P-F/AUD; Meets first eight weeks only. Schedule Adjustment Period is 9/6 - 9/12.
0101 Meets 09/06/88 - 10/21/88 STAFF
TuTh.....10:00am-12:00pm (COL 1100) LAB

PHED218 Laboratory in Teaching; Grade Method: 1 credit
(PermReq) REG/P-F;
0101 Time and room to be arranged Wrenn, J

PHED220 Track and Field Skills Laboratory; Grade 2 credits
Method: REG/P-F/AUD;
0101 TuTh.....8:00am-10:00am (COL 1100) LAB STAFF

PHED221 Volleyball Skills Laboratory; Grade 1 credit
Method: REG/P-F/AUD; Meets second eight weeks only. Schedule Adjustment Period is 10/24 - 10/28.
0101 Meets 10/24/88 - 12/11/88 STAFF
TuTh.....1:00pm- 3:00pm (PRH 2101) LAB

PHED222 Weight Training Skills Laboratory; Grade 1 credit
Method: REG/P-F/AUD;
0101 MWF.....2:00pm- 2:50pm (PRH 0103) LAB STAFF

PHED224 Aerobics Skills Laboratory; Grade Method: 1 credit
REG/P-F/AUD;
0101 MWF.....1:00pm- 1:50pm (PRH 2240) LAB STAFF

PHED261 Development of Endurance and Strength 3 credits
Fitness; Grade Method: REG/P-F/AUD;
0101 MWF.....1:00pm- 1:50pm (PRH 0307) STAFF

PHED287 Sport and American Society; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement;
0101 MWF.....10:00am-10:50am (PRH 1303) Ingram, A
0201 MWF.....11:00am-11:50am (PRH 1303) Vander Velden,
0301 TuTh.....11:00am-12:15pm (PRH 1303) Ingram, A

PHED289 Topical Investigations; Grade Method: 1-3 credits
(PermReq) REG/P-F; Individual Instruction course: contact department or instructor to obtain section number.

PHED293 History of Sport in America; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement;
0101 TuTh.....9:30am-10:45am (PRH 1312) Struna, N

PHED300 Kinesiology; Grade Method: REG/P-F/AUD; 4 credits
0101 TuTh.....1:00pm- 4:00pm (PRH 1302) Kelley, D
0201 TuTh.....10:30am-12:00pm (PRH 1301) STAFF
Tu.....9:00am-10:30am (PRH 1301) LAB
0301 TuTh.....10:30am-12:00pm (PRH 1301) STAFF
Th.....9:00am-10:30am (PRH 1301) LAB

PHED314 Methods in Physical Education; Grade 3 credits
Method: REG/P-F/AUD;
0101 MW.....10:00am-12:00pm (PRH 2132) Arrighi, M

PHED335 Swimming Pool Management; Grade Method: 2 credits
REG/P-F/AUD;
0101 TuTh.....9:00am- 9:50am (COL 0104) STAFF

PHED340 Theory of Coaching Athletics; Grade 2 credits
Method: REG/P-F/AUD;
0101 MW.....12:00pm-12:50pm (PRH 1301) Drum, B

PHED341 Theory of Coaching Basketball; Grade 2 credits
Method: REG/P-F/AUD;
0101 MW.....11:00am-11:50am (PRH 1302) Coates Jr., J

PHED342 Theory of Coaching Baseball; Grade Method: 2 credits
REG/P-F/AUD;
0101 TuTh.....10:00am-10:50am (COL 0104) Jackson, E

PHED343 Theory of Coaching Football; Grade Method: 2 credits
REG/P-F/AUD;
0101 TuTh.....11:00am-11:50am (COL 0104) STAFF

PHED350 The Psychology of Sports; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement;
0101 W.....4:15pm- 6:45pm (PRH 1301) Steel, D
0201 TuTh.....2:00pm- 3:15pm (PRH 1301) Steel, D
0301 MWF.....10:00am-10:50am (PRH 1312) Hatfield, B
0401 TuTh.....3:00pm- 4:15pm (PRH 1303) Brown, E

PHED360 Physiology of Exercise; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement;
0101 TuTh.....10:00am-12:00pm (PRH 2132) Vaccaro, P
0201 TuTh.....1:00pm- 3:00pm (PRH 2132) Ryder, M
0301 TuTh.....8:00am-10:00am (PRH 2132) Clarke, D

PHE[illegible] Weight Control Through Diet and Exercise; 3 credits
Grade Method: REG/P-F/AUD;
0101 MWF.....8:00am- 9:50am (COL 0100) Salke Jr., R
0201 TuTh.....10:00am-11:15am (PRH 0303) Lindle, R

PHED362 Philosophy of Sport; Grade Method: REG; 3 credits
Meets USP Advanced Studies Development of Knowledge requirement;
0101 MWF.....9:00am- 9:50am (PRH 0308) Hult, J

PHED370 Motor Development; Grade Method: 3 credits
REG/P-F/AUD;
0101 M.....7:00pm- 9:00pm (PRH 1312) Clark, J
Tu.....12:00pm- 1:00pm (PRH 1301) LAB
0201 M.....7:00pm- 9:00pm (PRH 1312) Clark, J
Tu.....1:00pm- 2:00pm (PRH 1301) LAB
0301 M.....7:00pm- 9:00pm (PRH 1312) Clark, J
Th.....12:00pm- 1:00pm (PRH 1301) LAB
0401 M.....7:00pm- 9:00pm (PRH 1312) Clark, J
M.....6:00pm- 7:00pm (PRH 1303) LAB

PHED381 Prevention and Care of Athletic Injuries; 3 credits
Grade Method: REG/P-F/AUD;
0101 F.....8:00am-10:00am (PRH 1303) Bush, J
MW.....9:00am- 9:50am (PRH 1303) LAB

PHED385 Motor Learning and Skilled Performance; 3 credits
Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement;
0101 W.....7:00pm- 9:30pm (PRH 1302) Tyler, R
0201 TuTh.....12:30pm- 1:45pm (PRH 1303) Overby, L

PHED389 Topical Investigations; Grade Method: 1-3 credits
(PermReq) REG/P-F; Individual Instruction course: contact department or instructor to obtain section number. Permission of instructor required.

PHED421 Elementary School Physical Education: A 3 credits
Movement Approach; Grade Method: REG/P-F/AUD;
0101 TuTh.....2:00pm- 3:15pm (PRH 0303) STAFF

PHED451 Sport and the American Woman; Grade 3 credits
Method: REG/P-F/AUD;
0101 MWF.....12:00pm-12:50pm (PRH 1302) Ingram, A

PHED455 Scientific Bases of Athletic Conditioning; 3 credits
Grade Method: REG/P-F/AUD;
0101 Tu.....4:15pm- 6:45pm (PRH 1302) STAFF

PHED461 Exercise and Body Composition; Grade 3 credits
Method: REG/P-F/AUD;
0101 W.....4:15pm- 6:45pm (PRH 2132) Ryder, M

PHED480 Measurement in Physical Education; Grade 3 credits
Method: REG/P-F/AUD;
0101 MW.....1:00pm- 3:00pm (PRH 1302) Steel, D

PHED481 Biophysical Aspects of Human Movement; 3 credits
Grade Method: REG/P-F/AUD;
0101 TuTh.....12:30pm- 1:45pm (PRH 0305) Phillips, S

PHED486 Politics and Economics of Organized 3 credits
Contemporary Sport; Grade Method: REG/P-F/AUD;
0101 MWF.....9:00am- 9:50am (PRH 0305) Vander Velden,

PHED490 Administration of Physical Education and 3 credits
Sport; Grade Method: REG/P-F/AUD;
0101 W.....7:00pm- 9:30pm (PRH 1301) Scott, M

PHED491 The Curriculum in Physical Education; 3 credits
Grade Method: REG/P-F/AUD;
0101 TuTh.....2:00pm- 3:15pm (PRH 0307) Scott, M

PHED492 History of the Sportswoman in American 3 credits
Organizations; Grade Method: REG/P-F/AUD;
0101 MWF.....10:00am-10:50am (PRH 0307) Hult, J

PHED496 Quantitative Methods; Grade Method: 3 credits
REG/P-F/AUD;
0101 M.....4:15pm- 6:45pm (PRH 1301) Dotson, C

PHED497 Independent Studies Seminar; Grade Method: 3 credits
REG/P-F/AUD;
0101 MWF.....9:00am- 9:50am (PRH 2132) Tyler, R

PHED498 Special Topics in Physical Education; 3 credits
(PermReq) Grade Method: REG/P-F/AUD;
0101 Time and room to be arranged Wrenn, J

PHED603 Advanced Motor Development; Grade Method: 3 credits
REG/AUD;
0101 W.....4:15pm- 6:45pm (PRH 0303) Clark, J

PHED610 Methods and Techniques of Research; Grade 3 credits
Method: REG/AUD;
0101 M.....7:00pm- 9:30pm (PRH 1303) Struna, N

PHED630 Sociology of Sport in Contemporary 3 credits
Perspective; Grade Method: REG/AUD;
0101 W.....4:15pm- 6:45pm (PRH 1303) Vander Velden,

PHED641 Analysis of Teaching Behavior in Physical 3 credits
Education; Grade Method: REG/AUD;
0101 W.....4:15pm- 6:45pm (PRH 1302) Arrighi, M

PHED650 Mental and Emotional Aspects of Sports and 3 credits
Recreation; Grade Method: REG/AUD;
0101 Th.....4:15pm- 6:45pm (PRH 1302) Hatfield, B

PHED662 Readings in American Sport History; Grade 3 credits
Method: REG/AUD;
0101 Tu.....7:00pm- 9:30pm (PRH 0307) Hult, J

PHED675 Photo-analysis of Human Motion; Grade 3 credits
Method: REG/AUD;
0101 Tu.....4:15pm- 6:45pm (PRH 0305) Phillips, S

PHED682 Physical Performance for Those with 3 credits
Learning and Behavioral Disorders; Grade Method: REG;
0101 Th.....7:00pm- 9:30pm (PRH 0305) Dirocco, P

PHED689 Special Problems in Physical Education; 1-6 credits
(PermReq) Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number.

PHED689Q Special Problems in Physical Education: 3 credits
Intermediate Quantitative Methods; Grade Method: REG/AUD;
0101 Tu.....7:00pm- 9:30pm (PRH 0301) Dotson, C

PHED690 Scientific Bases of Exercise; Grade 3 credits
Method: REG/AUD;
0101 Tu.....4:15pm- 6:45pm (PRH 2132) Vaccaro, P

PHED692 Cardiovascular Aspects of Exercise 3 credits
Physiology; Grade Method: REG/AUD;
0101 W.....7:00pm- 9:30pm (PRH 2132) STAFF

PHED770 Advanced Biomechanics; Grade Method: 3 credits
REG/AUD;
0101 W.....4:15pm- 6:45pm (PRH 0301) Caldwell, G

PHED798A Internship in Physical Education/Sports 1-8 credits
(PermReq) Management: Sports Management; Grade Method: REG;
0101 Time and room to be arranged Wrenn, J

PHED799 Master's Thesis Research; Grade Method: 1-6 credits
(PermReq) REG; Individual Instruction course: contact department or instructor to obtain section number.

PHED899 Doctoral Dissertation Research; Grade 1-8 credits
(PermReq) Method: REG; Individual Instruction course: contact department or instructor to obtain section number.

PHIL Philosophy (Arts and Humanities)

PHILOSOPHY DEPARTMENT HANDBOOK

All philosophy courses are described in detail (course content, textbooks, written assignments, etc.) in the Philosophy Department Handbook. Copies are now available in Room 1131 of the Skinner Building. Updated supplement to the handbook will be issued for August registration.

PHIL100 Introduction to Philosophy; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement;
0101 WF.....1:00pm- 1:50pm (ARM 0135) Celarier, J
W.....9:00am- 9:50am (ZOP 1124) DIS
0102 WF.....1:00pm- 1:50pm (ARM 0135) Celarier, J
M.....9:00am- 9:50am (EGR 1102) DIS
0103 WF.....1:00pm- 1:50pm (ARM 0135) Celarier, J
M.....1:00pm- 1:50pm (EGR 1120) DIS
0104 WF.....1:00pm- 1:50pm (ARM 0135) Celarier, J
M.....1:00pm- 1:50pm (CHM 2201) DIS
0105 WF.....1:00pm- 1:50pm (ARM 0135) Celarier, J
M.....12:00pm-12:50pm (TWS 0135) DIS
0106 WF.....1:00pm- 1:50pm (ARM 0135) Celarier, J
W.....9:00am- 9:50am (ZOP 1228) DIS
0201 MW.....11:00am-11:50am (CSS 2324) Martin, R
F.....9:00am- 9:50am (LEF 1208) DIS
0202 MW.....11:00am-11:50am (CSS 2324) Martin, R
F.....9:00am- 9:50am (CHM 0122) DIS
0203 MW.....11:00am-11:50am (CSS 2324) Martin, R
F.....11:00am-11:50am (EGR 2112) DIS
0204 MW.....11:00am-11:50am (CSS 2324) Martin, R
F.....11:00am-11:50am (EGR 1110) DIS
0205 MW.....11:00am-11:50am (CSS 2324) Martin, R
F.....12:00pm-12:50pm (EGR 1104) DIS
0206 MW.....11:00am-11:50am (CSS 2324) Martin, R
F.....12:00pm-12:50pm (CHE 2120) DIS
0301 TuTh.....9:30am-10:45am (JMP 3105) STAFF

PHIL110 Plato's Republic; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement;
0101 MWF.....10:00am-10:50am (JMP 3105) Pasch, A

PHIL140 Contemporary Moral Issues; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement;
0101 MW.....11:00am-11:50am (JMZ 0105) Tolliver, J
F.....11:00am-11:50am (EGR 3108) DIS
0102 MW.....11:00am-11:50am (JMZ 0105) Tolliver, J
F.....12:00pm-12:50pm (HZF 101) DIS
0103 MW.....11:00am-11:50am (JMZ 0105) Tolliver, J
F.....2:00pm- 2:50pm (HJP 1229) DIS
0201 TuTh.....9:30am-10:45am (ARM 0116) STAFF
0301 TuTh.....12:30pm- 1:45pm (CHM 0119) STAFF

A note about PHIL 170, PHIL 173, and PHIL 271. All three are introductory logic courses. PHIL 170 provides the student with a broad understanding of the field of logic, in both its traditional and its modern forms. PHIL 173 concentrates on applications, using logic to uncover the deductive structure of published material written in a diversity of literary styles. PHIL 271 enables the student to develop skill in using the techniques of modern symbolic logic, and an understanding of some of its underlying principles. All three courses attempt to develop in students a heightened sensitivity to logical form, logical fallacy, and the logical nuances of ordinary language.

PHIL170 Introduction to Logic; Grade Method: 3 credits
REG/P-F/AUD;
0101 MW.....11:00am-11:50am (SYM 0200) Stairs, A
F.....9:00am- 9:50am (ZOP 1238) DIS
0102 MW.....11:00am-11:50am (SYM 0200) Stairs, A
F.....11:00am-11:50am (CLB 0109) DIS
0103 MW.....11:00am-11:50am (SYM 0200) Stairs, A
F.....12:00pm-12:50pm (CLB 0109) DIS
0201 TuTh.....9:30am-10:45am (JMP 3201) STAFF
0301 TuTh.....12:30pm- 1:45pm (HBK 0117) STAFF

PHIL173 Logic and the English Language I; Grade 3 credits
Method: REG; See note above PHIL 170
0101 MWF.....2:00pm- 2:50pm (CHM 0128) Pasch, A

PHIL209A Philosophical Issues: Introduction to 3 credits
Cognitive Studies; Grade Method: REG/P-F/AUD;
0101 MWF.....1:00pm- 1:50pm (ANS 1109) STAFF

PHIL209B Philosophical Issues: Language and Mind; 3 credits
Grade Method: REG/P-F/AUD;
0101 TuTh.....9:30am-10:45am (HBK 0117) Lightfoot, D

PHIL236 Philosophy of Religion; Grade Method: 3 credits
REG/P-F/AUD;
0101 TuTh.....2:00pm- 3:15pm (HBK 1116) Martin, R

PHIL245 Political and Social Philosophy I; Grade 3 credits
Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement;
0101 MWF.....12:00pm-12:50pm (HBK 1108) STAFF

PHIL250 Philosophy of Science I; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement;
0101 MWF.....10:00am-10:50am (CHE 2145) STAFF

PHIL271 Symbolic Logic I; Grade Method: REG/AUD; 3 credits
Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement;
0101 TuTh.....9:30am-10:45am (HBK 0113) Suppe, F

0201 MWF.....1:00pm- 1:50pm (HBK 1112) Svenonius, L

PHIL308C Studies in Contemporary Philosophy: Philosophy and Computers; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: one course in logic or computer science or completion of junior composition requirement. 3 credits
G101 MW.....2:00pm- 3:15pm (HBK 0117) Cherniak, C

PHIL310 Ancient Philosophy; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: six hours of philosophy or classics. 3 credits
0101 TuTh.....3:30pm- 4:45pm (HBK 1116) STAFF

PHIL320 Modern Philosophy; Grade Method: REG/P-F/AUD; Prerequisite: six hours of philosophy. 3 credits
0101 TuTh.....12:30pm- 1:45pm (HBK 1116) Tolliver, J

PHIL326 Twentieth Century Analytic Philosophy; Grade Method: REG/P-F/AUD; Prerequisite: 6 hours of philosophy. 3 credits
0101 MWF.....12:00pm-12:50pm (CHM 0127) Odell, S

PHIL328B Studies in the History of Philosophy: Marxist Philosophy; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: one course in philosophy or a GVPT course in social theory. 3 credits
0101 MWF.....9:00am- 9:50am (HBK 1108) STAFF

PHIL331 Philosophy of Art; Grade Method: REG/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: one course in philosophy or two courses in the arts or literature. 3 credits
0101 MWF.....2:00pm- 2:50pm (CHM 2201) Brown, J

PHIL332 Philosophy of Beauty; Grade Method: REG/AUD; Meets USP Advanced Studies Development of Knowledge requirement; One course in philosophy or two in the arts or literature are recommended. 3 credits
0101 MWF.....12:00pm-12:50pm (ZOP 1238) Brown, J

PHIL334 Philosophy of Music; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; One course in philosophy or music is recommended. Students should have some familiarity with classical music. 3 credits
0101 TuTh.....2:00pm- 3:15pm (HBK 0125) Levinson, J

PHIL341 Introduction to Ethical Theory; Grade Method: REG/P-F/AUD; This is the old PHIL 142 renumbered, not open to students holding credit for PHIL 142. 3 credits
0101 TuTh.....11:00am-12:15pm (JMP 3104) STAFF

PHIL360 Philosophy of Language; Grade Method: REG/P-F/AUD; Prerequisite: PHIL 170 or 173 or 271. 3 credits
0101 TuTh.....11:00am-12:15pm (HBK 0113) Devitt, M

PHIL386 Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Must be taken concurrently with PHIL 387. Consult Director of Undergraduate Studies: Pasch, A. Prerequisites: 12 credit hours of philosophy, 3.0 GPA. Carries no credit toward philosophy major. 3 credits

PHIL387 Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Must be taken concurrently with PHIL 386. Consult Director of Undergraduate Studies: Pasch, A. 3 credits

PHIL408A Topics in Contemporary Philosophy: Analysis and Design of Legal and Moral Institutions; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisites: one course in philosophy and one course in ECON or GVPT or consent of instructor. 3 credits
0101 TuTh.....9:30am-10:45am (ARM 0121) Johnson, C

PHIL408C Topics in Contemporary Philosophy: Realism: Recent Views; Grade Method: REG/P-F/AUD; Prerequisite: six hours of philosophy. 3 credits
0101 TuTh.....2:00pm- 3:15pm (HBK 1112) STAFF

PHIL408I Topics in Contemporary Philosophy: Issues in Jewish Ethics and Law; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 2206) Manekin, C

PHIL414 The Philosophy of Aristotle; Grade Method: REG/P-F/AUD; Prerequisite: six hours of philosophy. PHIL 310 recommended. 3 credits
0101 MWF.....10:00am-10:50am (ANS 1109) Celarier, J

PHIL440 Contemporary Ethical Theory; Grade Method: REG/P-F/AUD; Prerequisite: PHIL 341 3 credits
0101 TuTh.....11:00am-12:15pm (CHE 2118) Slote, M

PHIL447 Philosophy of Law; Grade Method: REG/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: one course in philosophy. 3 credits
0101 TuTh.....12:30pm- 1:45pm (ARM 0116) Johnson, C
0201 MWF.....11:00am-11:50am (HBK 1112) Schlaretzki, W

PHIL450 Scientific Thought I; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; One course in philosophy or a major in science is recommended. 3 credits
0101 TuTh.....2:00pm- 3:15pm (HBK 0117) STAFF

PHIL452 Philosophy of Physics; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: three credits in philosophy or physics. 3 credits
0101 MW.....2:00pm- 3:15pm (HBK 1112) Stairs, A

PHIL455 Philosophy of the Social Sciences; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisites: one course in philosophy or the social sciences. PHIL 250 recommended. 3 credits
0101 TuTh.....12:30pm- 1:45pm (HBK 1108) Suppe, F

PHIL456 Philosophy of Biology; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: PHIL 250 or permission of instructor. 3 credits
0101 TuTh.....2:00pm- 3:15pm (HBK 1108) Darden, L

PHIL472 Philosophy of Mathematics; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: PHIL 271 or consent of instructor. 3 credits
0101 MWF.....10:00am-10:50am (HBK 1112) Svenonius, L

PHIL498C (PermReq) Topical Investigations; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

PHIL498D (PermReq) Topical Investigations; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

PHIL688D (PermReq) Selected Problems in Philosophy; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

PHIL688E (PermReq) Selected Problems in Philosophy; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

PHIL688F Selected Problems in Philosophy: History and Philosophy of Science and Technology; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:00pm- 6:00pm (TLF 0108) Darden, L
Time and room to be arranged DIS

PHIL788E (PermReq) Research in Philosophy; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

PHIL788F (PermReq) Research in Philosophy; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

PHIL799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

PHIL848 Seminar in Ethics: Intrinsic Value; Grade Method: REG/AUD; 3 credits
0101 Tu.....3:30pm- 6:00pm (HBK 1112) Levinson, J

PHIL858 Seminar in Logic and Philosophy of Sciences: Logic of Quantum Physics; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Bub, J

PHIL869 Seminar in the Theory of Knowledge; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Odell, S

PHIL899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

PHYS Physics (Comp, Math, & Phys Sci)

PHYS102 Physics of Music; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies Non-lab Science and Mathematics requirement. If taken with PHYS 103, course may be counted as Lab Science requirement. Credit cannot be received for both PHYS 102 and PHYS 499C. 3 credits
0301 TuTh.....2:00pm- 3:15pm (PHY 1412) Sucher, J

PHYS103 Physics of Music Laboratory; Grade Method: REG/P-F/AUD; Labs begin week of September 5. 1 credit
0101 Th.....9:00am-10:50am (PHY 3213) LAB Berg, R
0201 Th.....11:00am-12:50pm (PHY 3213) LAB Berg, R
0301 Th.....3:30pm- 5:20pm (PHY 3213) LAB Berg, R
0401 F.....10:00am-11:50am (PHY 3213) LAB Berg, R
0501 F.....12:00pm- 1:50pm (PHY 3213) LAB Berg, R

PHYS106 Light, Perception, Photography, and Visual Phenomena; Grade Method: REG/P-F/AUD; Credit cannot be received for both PHYS 106 and PHYS 499E. Course meets University Studies Program Distributive Studies Non-Lab Science and Mathematics requirement. If taken with PHYS 107, course may be counted as lab-science requirement. 3 credits
0101 MWF.....2:00pm- 2:50pm (PHY 1412) Goodman, J

PHYS107 Light, Perception, Photography and Visual Phenomena Laboratory; Grade Method: REG/P-F/AUD; Pre or co-requisite: PHYS 106 or PHYS 499E. Labs begin week of September 5. 1 credit
0101 Tu.....9:00am-10:50am (PHY 3214) LAB Goodman, J
0201 Tu.....12:00pm- 1:50pm (PHY 3214) LAB Goodman, J
0301 W.....9:00am-10:50am (PHY 3214) LAB Goodman, J
0401 W.....3:00pm- 4:50pm (PHY 3214) LAB Goodman, J
0501 W.....12:00pm- 1:50pm (PHY 3214) LAB Goodman, J
0601 Tu.....3:30pm- 5:20pm (PHY 3214) LAB Goodman, J

PHYS111 Physics in the Modern World; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Intended for students who will continue in PHYS 112. 3 credits
0101 MWF.....9:00am- 9:50am (PHY 0405) Falk, D

PHYS117 Introduction to Physics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Labs begin week of September 5. Sections 0101, 0102, 0104 and 0105 taught by Dr. George Snow, Distinguished Scholar Teacher. 4 credits
0101 MWF.....2:00pm- 2:50pm (PHY 1410) Snow, G
M.....4:00pm- 5:50pm (PHY 3316) LAB
0102 MWF.....2:00pm- 2:50pm (PHY 1410) Snow, G
Tu.....3:00pm- 4:50pm (PHY 3316) LAB
0104 MWF.....2:00pm- 2:50pm (PHY 1410) Snow, G
W.....4:00pm- 5:50pm (PHY 3316) LAB
0105 MWF.....2:00pm- 2:50pm (PHY 1410) Snow, G
Th.....12:00pm- 1:50pm (PHY 3316) LAB

PHYS121 Fundamentals of Physics I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Physics clinic, PHY 1214, MTWHF 11,1. Laboratories and recitations begin week of September 5. 4 credits
0101 MWF.....10:00am-10:50am (PHY 1410) Das Sarma, S
W.....4:00pm- 5:50pm (PHY 3306) LAB
W.....3:00pm- 3:50pm (PHY 0405) DIS
0102 MWF.....10:00am-10:50am (PHY 1410) Das Sarma, S
M.....4:00pm- 5:50pm (PHY 3306) LAB
M.....3:00pm- 3:50pm (PHY 0405) DIS
0103 MWF.....10:00am-10:50am (PHY 1410) Das Sarma, S
Tu.....11:00am-12:50pm (PHY 3306) LAB
Tu.....10:00am-10:50am (PHY 4208) DIS
0104 MWF.....10:00am-10:50am (PHY 1410) Das Sarma, S
Tu.....1:00pm- 2:50pm (PHY 3306) LAB
Tu.....12:00pm-12:50pm (PHY 4208) DIS
0105 MWF.....10:00am-10:50am (PHY 1410) Das Sarma, S
W.....12:00pm- 1:50pm (PHY 3306) LAB
W.....11:00am-11:50am (PHY 4220) DIS
0201 MWF.....12:00pm-12:50pm (PHY 1410) Korenman, V
W.....9:00am-10:50am (PHY 3306) LAB
W.....8:00am- 8:50am (PHY 4220) DIS
0202 MWF.....12:00pm-12:50pm (PHY 1410) Korenman, V
W.....2:00pm- 3:50pm (PHY 3306) LAB
W.....1:00pm- 1:50pm (PHY 0405) DIS
0203 MWF.....12:00pm-12:50pm (PHY 1410) Korenman, V
Th.....11:00am-12:50pm (PHY 3306) LAB
Th.....10:00am-10:50am (PHY 4220) DIS
0204 MWF.....12:00pm-12:50pm (PHY 1410) Korenman, V
Th.....9:00am-10:50am (PHY 3306) LAB
Th.....8:00am- 8:50am (PHY 4220) DIS
0205 MWF.....12:00pm-12:50pm (PHY 1410) Korenman, V
Th.....1:00pm- 2:50pm (PHY 3306) LAB
Th.....12:00pm-12:50pm (PHY 4220) DIS
0206 MWF.....12:00pm-12:50pm (PHY 1410) Korenman, V
M.....2:00pm- 3:50pm (PHY 3306) LAB
M.....1:00pm- 1:50pm (PHY 4220) DIS
0301 TuTh.....12:30pm- 1:45pm (PHY 1410) Dragt, A
Tu.....9:00am-10:50am (PHY 3306) LAB
Tu.....8:00am- 8:50am (PHY 4220) DIS
0302 TuTh.....12:30pm- 1:45pm (PHY 1410) Dragt, A
M.....10:00am-11:50am (PHY 3306) LAB
M.....9:00am- 9:50am (PHY 4220) DIS
0303 TuTh.....12:30pm- 1:45pm (PHY 1410) Dragt, A
M.....12:00pm- 1:50pm (PHY 3306) LAB
M.....11:00am-11:50am (PHY 4220) DIS
0304 TuTh.....12:30pm- 1:45pm (PHY 1410) Dragt, A
Th.....4:00pm- 5:50pm (PHY 3306) LAB
Th.....3:00pm- 3:50pm (PHY 4220) DIS
0305 TuTh.....12:30pm- 1:45pm (PHY 1410) Dragt, A
Tu.....3:00pm- 4:50pm (PHY 3306) LAB
Tu.....2:00pm- 2:50pm (PHY 4220) DIS
0401 MW.....7:00pm- 8:30pm (PHY 1412) Brandt, H
Tu.....7:30pm- 9:20pm (PHY 3306) LAB
Tu.....6:30pm- 7:20pm (PHY 1219) DIS
0402 MW.....7:00pm- 8:30pm (PHY 1412) Brandt, H
Th.....7:30pm- 9:20pm (PHY 3306) LAB
Th.....6:30pm- 7:20pm (PHY 1219) DIS

PHYS122 Fundamentals of Physics II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Physics clinic, PHY 1214, MTWHF 12,2. Laboratories and recitations begin week of September 5. 4 credits
0101 MWF.....1:00pm- 1:50pm (PHY 1410) Chant, N
M.....4:00pm- 5:50pm (PHY 3312) LAB
M.....3:00pm- 3:50pm (PHY 1221) DIS
0102 MWF.....1:00pm- 1:50pm (PHY 1410) Chant, N
Tu.....9:00am-10:50am (PHY 3312) LAB
Tu.....8:00am- 8:50am (PHY 1221) DIS
0103 MWF.....1:00pm- 1:50pm (PHY 1410) Chant, N
Tu.....12:00pm- 1:50pm (PHY 3312) LAB
Tu.....11:00am-11:50am (PHY 4208) DIS
0104 MWF.....1:00pm- 1:50pm (PHY 1410) Chant, N
Tu.....2:00pm- 3:50pm (PHY 3312) LAB
Tu.....1:00pm- 1:50pm (PHY 4208) DIS
0105 MWF.....1:00pm- 1:50pm (PHY 1410) Chant, N
W.....9:00am-10:50am (PHY 3312) LAB
W.....8:00am- 8:50am (PHY 4208) DIS
0106 MWF.....1:00pm- 1:50pm (PHY 1410) Chant, N
W.....3:00pm- 4:50pm (PHY 3312) LAB
W.....2:00pm- 2:50pm (PHY 4208) DIS
0107 MWF.....1:00pm- 1:50pm (PHY 1410) Chant, N
Th.....9:00am-10:50am (PHY 3312) LAB
Th.....8:00am- 8:50am (PHY 4208) DIS

PHYS141 Principles of Physics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Physics clinics, PHY 1214, MTWHF 10,12. Laboratories and recitations begin week of September 5. 4 credits
0101 MWF.....11:00am-11:50am (PHY 1410) Layman, J
M.....1:00pm- 2:50pm (PHY 3314) LAB
M.....12:00pm-12:50pm (PHY 1221) DIS
0102 MWF.....11:00am-11:50am (PHY 1410) Layman, J
M.....4:00pm- 5:50pm (PHY 3314) LAB
M.....3:00pm- 3:50pm (PHY 1402) DIS
0103 MWF.....11:00am-11:50am (PHY 1410) Layman, J
Tu.....9:00am-10:50am (PHY 3314) LAB
Tu.....8:00am- 8:50am (PHY 1402) DIS
0104 MWF.....11:00am-11:50am (PHY 1410) Layman, J
Tu.....11:00am-12:50pm (PHY 3314) LAB
Tu.....10:00am-10:50am (PHY 4220) DIS
0105 MWF.....11:00am-11:50am (PHY 1410) Layman, J
Tu.....2:00pm- 3:50pm (PHY 3314) LAB
Tu.....1:00pm- 1:50pm (PHY 4220) DIS

PHYS142 Principles of Physics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Physics clinic PHY 1214, MTWHF 2. Laboratories and recitations begin week of September 5. 4 credits
0101 MWF.....3:00pm- 3:50pm (PHY 1410) STAFF
Th.....9:00am-10:50am (PHY 3310) LAB
Th.....8:00am- 8:50am (PHY 0405) DIS
0102 MWF.....3:00pm- 3:50pm (PHY 1410) STAFF
Th.....12:00pm- 1:50pm (PHY 3310) LAB
Th.....11:00am-11:50am (PHY 4208) DIS
0103 MWF.....3:00pm- 3:50pm (PHY 1410) STAFF
Th.....2:00pm- 3:50pm (PHY 3310) LAB
Th.....1:00pm- 1:50pm (PHY 4208) DIS

PHYS161 General Physics: Mechanics and Particle Dynamics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Physics clinic, PHY 1214, MTWHF 11, 2. Recitations begin week of September 5. 3 credits
0101 MWF.....3:00pm- 3:50pm (PHY 1412) Rosenberg, T
F.....1:00pm- 1:50pm (PHY 0405) DIS
0102 MWF.....3:00pm- 3:50pm (PHY 1412) Rosenberg, T
W.....9:00am- 9:50am (PHY 4220) DIS
0103 MWF.....3:00pm- 3:50pm (PHY 1412) Rosenberg, T
M.....4:00pm- 4:50pm (PHY 1219) DIS
0104 MWF.....3:00pm- 3:50pm (PHY 1412) Rosenberg, T
Tu.....8:00am- 8:50am (PHY 0405) DIS
0201 TuTh.....12:30pm- 1:45pm (PHY 1412) Benesch, W
M.....11:00am-11:50am (PHY 1221) DIS
0202 TuTh.....12:30pm- 1:45pm (PHY 1412) Benesch, W
Tu.....2:00pm- 2:50pm (PHY 1221) DIS
0203 TuTh.....12:30pm- 1:45pm (PHY 1412) Benesch, W
W.....3:00pm- 3:50pm (PHY 1221) DIS
0204 TuTh.....12:30pm- 1:45pm (PHY 1412) Benesch, W
Th.....11:00am-11:50am (PHY 4220) DIS
0301 MWF.....10:00am-10:50am (PHY 1412) Banerjee, M
Tu.....3:00pm- 3:50pm (PHY 0405) DIS
0302 MWF.....10:00am-10:50am (PHY 1412) Banerjee, M
W.....9:00am- 9:50am (PHY 4208) DIS
0303 MWF.....10:00am-10:50am (PHY 1412) Banerjee, M
W.....1:00pm- 1:50pm (PHY 1219) DIS
0304 MWF.....10:00am-10:50am (PHY 1412) Banerjee, M
Th.....1:00pm- 1:50pm (PHY 1219) DIS
0305 MWF.....10:00am-10:50am (PHY 1412) Banerjee, M
Th.....12:00pm-12:50pm (PHY 0405) DIS
0401 MWF.....11:00am-11:50am (PHY 1410) Kacser, C
M.....10:00am-10:50am (PHY 1219) DIS
0402 MWF.....9:00am- 9:50am (PHY 1410) Kacser, C
M.....1:00pm- 1:50pm (PHY 1219) DIS
0403 MWF.....9:00am- 9:50am (PHY 1410) Kacser, C
Th.....8:00am- 8:50am (PHY 1219) DIS
0404 MWF.....9:00am- 9:50am (PHY 1410) Kacser, C
Th.....12:00pm-12:50pm (PHY 4208) DIS
0405 MWF.....9:00am- 9:50am (PHY 1410) Kacser, C
Th.....3:00pm- 3:50pm (PHY 4208) DIS

PHYS171 Introductory Physics: Mechanics; Grade Method: REG/P-F/AUD; 3 credits
0101 MTuThF.....9:00am- 9:50am (PHY 1402) Macdonald, W
0201 MTuThF.....11:00am-11:50am (PHY 0405) Alley, C

PHYS262 General Physics: Vibrations, Waves, Heat, Electricity and Magnetism; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Physics clinic PHY 1214, MTWHF 10, 12, 2. PHYS 262A must be taken concurrently. Recitations begin week of September 5. 4 credits
0101 MWF.....1:00pm- 1:50pm (PHY 1412) Muhammud, M
M.....2:00pm- 2:50pm (PHY 1221) DIS
0102 MWF.....1:00pm- 1:50pm (PHY 1412) Muhammud, M
Tu.....1:00pm- 1:50pm (PHY 1219) DIS
0103 MWF.....1:00pm- 1:50pm (PHY 1412) Muhammud, M
M.....3:00pm- 3:50pm (PHY 4208) DIS
0104 MWF.....1:00pm- 1:50pm (PHY 1412) Muhammud, M
M.....8:00am- 8:50am (PHY 4208) DIS
0105 MWF.....1:00pm- 1:50pm (PHY 1412) Muhammud, M
W.....10:00am-10:50am (PHY 1219) DIS
0106 MWF.....1:00pm- 1:50pm (PHY 1412) Muhammud, M
W.....2:00pm- 2:50pm (PHY 1402) DIS
0201 MWF.....11:00am-11:50am (PHY 1412) Hu, B
W.....1:00pm- 1:50pm (PHY 1402) DIS
0202 MWF.....11:00am-11:50am (PHY 1412) Hu, B
M.....2:00pm- 2:50pm (PHY 1402) DIS
0203 MWF.....11:00am-11:50am (PHY 1412) Hu, B
W.....12:00pm-12:50pm (PHY 1219) DIS
0204 MWF.....11:00am-11:50am (PHY 1412) Hu, B
F.....2:00pm- 2:50pm (PHY 1219) DIS
0205 MWF.....11:00am-11:50am (PHY 1412) Hu, B
Tu.....8:00am- 8:50am (PHY 1219) DIS
0206 MWF.....11:00am-11:50am (PHY 1412) Hu, B
Tu.....12:00pm-12:50pm (PHY 0405) DIS
0301 TuTh.....8:00am- 9:15am (PHY 1412) Gluckstern, R
Th.....2:00pm- 2:50pm (PHY 1221) DIS
0302 TuTh.....8:00am- 9:15am (PHY 1412) Gluckstern, R
F.....11:00am-11:50am (PHY 1221) DIS
0303 TuTh.....8:00am- 9:15am (PHY 1412) Gluckstern, R
Tu.....3:00pm- 3:50pm (PHY 1221) DIS
0304 TuTh.....8:00am- 9:15am (PHY 1412) Gluckstern, R
M.....2:00pm- 2:50pm (PHY 4208) DIS
0305 TuTh.....8:00am- 9:15am (PHY 1412) Gluckstern, R
Tu.....12:00pm-12:50pm (PHY 4220) DIS
0401 MW.....7:00pm- 9:00pm (PHY 1410) Tylka, A
MW.....7:00pm- 9:00pm (PHY 4220) DIS
0402 MW.....7:00pm- 9:00pm (PHY 1410) Tylka, A
MW.....7:00pm- 9:00pm (PHY 1402) DIS

PHYS262A General Physics: Vibrations, Waves, Heat, Electricity and Magnetism (Laboratory); Grade Method: NGI; PHYS 262 must be taken concurrently. Sections begin week of September 5. No credit
0101 M.....1:00pm- 2:50pm (PHY 3219) LAB Talaga, R
0102 M.....3:00pm- 4:50pm (PHY 3219) LAB Talaga, R
0103 Tu.....8:00am- 9:50am (PHY 3219) LAB Talaga, R
0104 Tu.....10:00am-11:50am (PHY 3219) LAB Talaga, R
0105 Tu.....12:00pm- 1:50pm (PHY 3219) LAB Talaga, R
0106 Tu.....2:00pm- 3:50pm (PHY 3219) LAB Talaga, R
0107 Tu.....4:00pm- 5:50pm (PHY 3219) LAB Talaga, R
0108 W.....8:00am- 9:50am (PHY 3219) LAB Talaga, R
0109 W.....10:00am-11:50am (PHY 3219) LAB Talaga, R
0110 W.....12:00pm- 1:50pm (PHY 3219) LAB Talaga, R
0111 W.....2:00pm- 3:50pm (PHY 3219) LAB Talaga, R
0112 W.....4:00pm- 5:50pm (PHY 3219) LAB Talaga, R
0113 Th.....8:00am- 9:50am (PHY 3219) LAB Talaga, R
0114 Th.....10:00am-11:50am (PHY 3219) LAB Talaga, R
0115 Th.....12:00pm- 1:50pm (PHY 3219) LAB Talaga, R
0116 Th.....2:00pm- 3:50pm (PHY 3219) LAB Talaga, R
0117 Tu.....7:00pm- 8:50pm (PHY 3219) LAB Talaga, R
0118 Th.....4:00pm- 5:50pm (PHY 3219) LAB Talaga, R
0119 Th.....7:00pm- 8:50pm (PHY 3219) LAB Talaga, R

PHYS262H (PermReq) General Physics: Vibrations, Waves, Heat, Electricity and Magnetism; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; PHYS 262A must be taken concurrently. 4 credits
0101 MWF.....1:00pm- 1:50pm (PHY 1412) Muhammud, M
Tu.....1:00pm- 1:50pm (PHY 1218) DIS
0201 MWF.....11:00am-11:50am (PHY 1412) Hu, B
Tu.....1:00pm- 1:50pm (PHY 1218) DIS
0301 TuTh.....8:00am- 9:15am (PHY 1412) Gluckstern, R
Tu.....1:00pm- 1:50pm (PHY 1218) DIS

PHYS263 General Physics: Electrodynamics, Light, Relativity and Modern Physics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Physics clinic, PHY 1214, MTWHF 10, 11, 1. PHYS 263A must be taken concurrently. Recitations begin week of September 5. 4 credits
0101 MW.....4:00pm- 5:15pm (PHY 1410) Fivel, D
W.....10:00am-10:50am (PHY 1402) DIS
0102 MW.....4:00pm- 5:15pm (PHY 1410) Fivel, D
M.....1:00pm- 1:50pm (PHY 0405) DIS

0103 MW.....4:00pm- 5:15pm (PHY 1410) Fivel, D
W.....3:00pm- 3:50pm (PHY 1402) DIS
0104 MW.....4:00pm- 5:15pm (PHY 1410) Fivel, D
Tu.....1:00pm- 1:50pm (PHY 1221) DIS
0201 TuTh.....8:00am- 9:15am (PHY 1410) STAFF
M.....1:00pm- 1:50pm (PHY 1221) DIS
0202 TuTh.....8:00am- 9:15am (PHY 1410) STAFF
Tu.....11:00am-11:50am (PHY 4220) DIS
0203 TuTh.....8:00am- 9:15am (PHY 1410) STAFF
F.....9:00am- 9:50am (PHY 4220) DIS
0204 TuTh.....8:00am- 9:15am (PHY 1410) STAFF
W.....1:00pm- 1:50pm (PHY 1221) DIS
0205 TuTh.....8:00am- 9:15am (PHY 1410) STAFF
Tu.....2:00pm- 2:50pm (PHY 4208) DIS
0301 MWF.....12:00pm-12:50pm (PHY 1412) Fivel, D
Tu.....8:00am- 8:50am (PHY 4208) DIS
0302 MWF.....12:00pm-12:50pm (PHY 1412) Fivel, D
W.....10:00am-10:50am (PHY 1221) DIS
0303 MWF.....12:00pm-12:50pm (PHY 1412) Fivel, D
Tu.....3:00pm- 3:50pm (PHY 4208) DIS
0304 MWF.....12:00pm-12:50pm (PHY 1412) Fivel, D
W.....3:00pm- 3:50pm (PHY 4208) DIS
0305 MWF.....12:00pm-12:50pm (PHY 1412) Fivel, D
F.....1:00pm- 1:50pm (PHY 1219) DIS
0306 MWF.....12:00pm-12:50pm (PHY 1412) Fivel, D
Th.....1:00pm- 1:50pm (PHY 1221) DIS
0307 MWF.....12:00pm-12:50pm (PHY 1412) Fivel, D
M.....2:00pm- 2:50pm (PHY 4220) DIS

PHYS263A General Physics: Electrodynamics, Light, Relativity and Modern Physics (Laboratory); Grade Method: NGI; Laboratory. Sections begin week of September 5. PHYS 263 must be taken concurrently. — No credit
0101 M.....1:00pm- 2:50pm (PHY 3220) LAB Talaga, R
0102 M.....3:00pm- 4:50pm (PHY 3220) LAB Talaga, R
0103 Tu.....8:00am- 9:50am (PHY 3220) LAB Talaga, R
0104 Tu.....10:00am-11:50am (PHY 3220) LAB Talaga, R
0105 Tu.....12:00pm- 1:50pm (PHY 3220) LAB Talaga, R
0106 Tu.....2:00pm- 3:50pm (PHY 3220) LAB Talaga, R
0107 Tu.....4:00pm- 5:50pm (PHY 3220) LAB Talaga, R
0108 Tu.....7:00pm- 8:50pm (PHY 3220) LAB Talaga, R
0109 W.....8:00am- 9:50am (PHY 3220) LAB Talaga, R
0110 W.....10:00am-11:50am (PHY 3220) LAB Talaga, R
0111 W.....12:00pm- 1:50pm (PHY 3220) LAB Talaga, R
0112 W.....2:00pm- 3:50pm (PHY 3220) LAB Talaga, R
0113 W.....4:00pm- 5:50pm (PHY 3220) LAB Talaga, R
0114 Th.....8:00am- 9:50am (PHY 3220) LAB Talaga, R
0115 Th.....10:00am-11:50am (PHY 3220) LAB Talaga, R
0116 Th.....12:00pm- 1:50pm (PHY 3220) LAB Talaga, R
0117 Th.....2:00pm- 3:50pm (PHY 3220) LAB Talaga, R
0118 Th.....4:00pm- 5:50pm (PHY 3220) LAB Talaga, R
0119 Th.....7:00pm- 8:50pm (PHY 3220) LAB Talaga, R

PHYS272 Introductory Physics: Thermodynamics, Electricity, and Magnetism; Grade Method: REG/P-F/AUD; — 3 credits
0101 WF.....11:00am-11:50am (PHY 1402) Williams, E
M.....11:00am-12:40pm (PHY 1402)

PHYS273 Introductory Physics: Electricity and Magnetism, Waves, Optics; Grade Method: REG/P-F/AUD; — 3 credits
0101 MTuThF.....9:00am- 9:50am (PHY 4208) Redish, E

PHYS275 (PermReq) Introductory Physics Lab: Mechanics and Thermodynamics; Grade Method: REG/P-F/AUD; — 1 credit
0101 M.....2:00pm- 6:00pm (PHY 3211) LAB Richard, J
0201 Tu.....12:00pm- 4:00pm (PHY 3211) LAB Hamilton, D
0301 W.....1:00pm- 5:00pm (PHY 3211) LAB Hamilton, D

PHYS276 (PermReq) Introductory Physics Laboratory: Electricity and Magnetism; Grade Method: REG/P-F/AUD; — 2 credits
0101 W.....2:00pm- 6:00pm (PHY 3104) LAB Mason, G
0201 Th.....1:00pm- 5:00pm (PHY 3104) LAB Mason, G
0301 Tu.....1:00pm- 5:00pm (PHY 3104) LAB Richard, J

PHYS299 (PermReq) Special Problems in Physics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

PHYS299C Special Problems in Physics: Physics for Managers and Analysts; Grade Method: REG/P-F/AUD; Prerequisite: MATH 220 or MATH 140. — 3 credits
0101 MWF.....12:00pm-12:50pm (PHY 0405) Earl, J

PHYS301 Intermediate Theoretical Physics; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....4:00pm- 5:15pm (PHY 1402) Lynn, J

~~PHYS305~~ Physics Shop Techniques; Grade Method: REG/P-F/AUD; — 1 credit
0101 Th.....2:00pm- 5:00pm (PHY 0125) LAB Scesa, B

~~PHYS389~~ (PermReq) Undergraduate Thesis Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

~~PHYS395~~ Advanced Experiments; Grade Method: REG/P-F/AUD; In conjunction with lab hours scheduled below additional required lab time will be arranged. Labs begin first week of classes. Physics majors only. — 3 credits
0101 Th.....1:00pm- 5:00pm (PHY 3210) LAB Roos, P
0102 W.....1:00pm- 5:00pm (PHY 3210) LAB Roos, P

~~PHYS398~~ (PermReq) Independent Studies Seminar; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-16 credits

~~PHYS398A~~ Independent Studies Seminar; Grade Method: REG/P-F/AUD; — 1 credit
0101 Th.....3:00pm- 3:50pm (PHY 1221) STAFF

PHYS399 (PermReq) Special Problems in Physics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

PHYS410 Elements of Theoretical Physics: Mechanics; Grade Method: REG/P-F/AUD; — 4 credits
0101 TuTh.....9:00am-10:50am (PHY 1221) Chang, C

PHYS411 Elements of Theoretical Physics: Electricity and Magnetism; Grade Method: REG/P-F/AUD; — 4 credits
0101 TuTh.....9:00am-10:50am (PHY 1219) Hassam, A

~~PHYS420~~ Principles of Modern Physics; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits
0101 MW.....4:00pm- 5:15pm (PHY 1412) Griffin, J
0102 TuTh.....2:00pm- 3:15pm (PHY 1410) STAFF

~~PHYS421~~ Introduction to Modern Physics; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits
0101 MWF.....9:00am- 9:50am (PHY 1219) Korenman, V

~~PHYS422~~ Modern Physics; Grade Method: REG/P-F/AUD; — 4 credits
0101 W.....10:00am-11:45am (PHY 0405) Hornyak, W
MF.....10:00am-10:50am (PHY 0405)

PHYS429 (PermReq) Atomic and Nuclear Physics Laboratory; Grade Method: REG/AUD; Labs begin first week of classes. Students may work at times other than those listed below. They must, however, be available for the first hour of either one of the two regularly scheduled sections. Physics majors only. — 3 credits
0101 M.....1:00pm- 6:00pm (PHY 3333) LAB Goldenbaum, G
0201 Th.....12:00pm- 5:00pm (PHY 3333) LAB Gloeckler, G

PHYS483 Biophysics and Theoretical Biology; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....4:00pm- 5:15pm (PHY 0405) Nossal, R

PHYS499A (PermReq) Special Problems in Physics: Individual Problems with Laboratory; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-16 credits

PHYS499B (PermReq) Special Problems in Physics: Individual Problems; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-16 credits

PHYS499C Special Problems in Physics: Physics of Music; Grade Method: REG/P-F/AUD; Credit cannot be received for both PHYS 102 and PHYS 499C. — 3 credits
0301 TuTh.....2:00pm- 3:15pm (PHY 1412) Sucher, J

PHYS499F Special Problems in Physics: Twentieth Century Physics - Physics for Managers and Analysts; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: MATH 220 or MATH 140. — 3 credits
0101 MWF.....12:00pm-12:50pm (PHY 0405) Earl, J

PHYS601 Theoretical Dynamics; Grade Method: REG/AUD; — 3 credits
0101 MWF.....2:00pm- 2:50pm (PHY 0405) Kim, Y

PHYS602 Statistical Physics; Grade Method: REG/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (PHY 4208) Greenberg, O

PHYS604 Methods of Mathematical Physics; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (PHY 1219) Drake Jr., J
TuTh.....11:00am-12:15pm (PHY 1221)

PHYS606 Electrodynamics; Grade Method: REG/AUD; — 4 credits
0101 TuTh.....9:00am-10:50am (PHY 0405) Siegel, W

PHYS607 Advanced Classical Physics; Grade Method: REG/AUD; — 3 credits
0101 WF.....8:30am- 9:45am (PHY 1221) Prange, R

PHYS621 Graduate Laboratory; Grade Method: REG/AUD; All labs will extend 1 hour beyond those listed below. Labs begin first week of classes. Students may work at times other than those listed below. They must, however, be available for the first hour of either one of the two regularly scheduled sections. — 3 credits
0101 M.....1:00pm- 6:00pm (PHY 3333) LAB Goldenbaum, G
0201 Th.....12:00pm- 5:00pm (PHY 3333) LAB Gloeckler, G

PHYS622 Introduction to Quantum Mechanics I; Grade Method: REG/AUD; — 4 credits
0201 M.....11:00am-12:45pm (PHY 1219) Woo, C
WF.....11:00am-11:50am (PHY 1219)

PHYS623 Introduction to Quantum Mechanics II; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (PHY 1219) Wang, C

PHYS624 Advanced Quantum Mechanics; Grade Method: REG/AUD; — 3 credits
0101 MWF.....11:00am-11:50am (PHY 4208) Oneda, S

PHYS704 Statistical Mechanics; Grade Method: REG/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (PHY 4220) Kirkpatrick, T

PHYS709 Seminar in General Physics: Statistical Physics Seminar; Grade Method: REG/AUD; — 1 credit
0101 Tu.....1:00pm- 1:50pm (Arranged) Sengers, J

PHYS718 Seminar in General Physics: Atomic Physics and Quantum Electronics; Grade Method: REG/AUD; — 1 credit
0101 F.....1:30pm- 3:00pm (PHY 1218) Alley, C

PHYS719 Seminar in General Physics: Accelerator Theory and Dynamical Systems; Grade Method: REG/AUD; — 1 credit
0101 W.....4:00pm- 4:50pm (PHY 4220) Gluckstern, R

PHYS731 Solid State Physics: Survey; Grade Method: REG/AUD; — 3 credits
0101 MW.....2:30pm- 4:00pm (PHY 1219) Einstein, T

PHYS738 Seminar in Experimental Solid State Physics: Quantum Mechanical Many-Body Problems; Grade Method: REG/AUD; — 1 credit
0101 Th.....3:00pm- 3:50pm (PHY 0405) Williams, E

PHYS739 Seminar in Theoretical Solid State Physics: Quantum Mechanical Many-Body Problems; Grade Method: REG/AUD; — 1 credit
0101 Th.....3:00pm- 3:50pm (PHY 0405) Williams, E

PHYS741 Nuclear Physics: Survey; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....1:00pm- 2:15pm (PHY 0405) Kelly, J

PHYS748 Seminar in Experimental Nuclear Physics; Grade Method: REG/AUD; — 1 credit
0101 M.....3:00pm- 4:30pm (PHY 1218) Chant, N

PHYS749 Seminar in Theoretical Nuclear Physics; Grade Method: REG/AUD; — 1 credit
0101 W.....4:00pm- 5:30pm (PHY 1218) Banerjee, M

~~PHYS751~~ Elementary Particle Physics I: Survey; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....2:30pm- 3:45pm (PHY 1402) Pati, J

~~PHYS758~~ Seminar in Elementary Particles and Quantum Field Theory: High Energy Physics; Grade Method: REG/AUD; — 1 credit
0101 W.....4:00pm- 4:50pm (PHY 4208) Yodh, G

~~PHYS759~~ Seminar in Elementary Particles and Quantum Field Theory; Grade Method: REG/AUD; — 1 credit
0101 M.....3:00pm- 5:00pm (PHY 4102) Mohapatra, R

~~PHYS761~~ Plasma Physics I: Survey; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (PHY 1402) Chen, H

~~PHYS769~~ Seminar in Plasma Physics; Grade Method: REG/AUD; Class will meet in LPF 1207. — 1 credit
0101 M.....1:30pm- 2:30pm (Arranged) Hassam, A

~~PHYS778~~ Seminar in Space and Cosmic Ray Physics: High Energy Astrophysics; Grade Method: REG/AUD; — 1 credit
0101 M.....4:30pm- 5:45pm (CSS 1113) Gloeckler, G

~~PHYS779~~ Seminar in General Relativity; Grade Method: REG/AUD; — 1 credit
0101 W.....11:00am- 1:00pm (PHY 1218) Paik, H

~~PHYS798~~ Special Problems in Advanced Physics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

PHYS799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

PHYS869 Special Topics in Plasma Physics: Plasma Diagnostics; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (PHY 1402) Desilva, A

PHYS875 Theory of Relativity: Survey; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....9:30am-10:50am (PHY 1218) Brill, D

PHYS899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

Physics Colloquium meets TU 4-5.30 in PHY 1410 and PHY 1412. Physics Journal Club meets Th 4-5.30 in PHY 1410.

PORT Portuguese (Arts and Humanities)

PORT101 Elementary Portuguese; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 4 credits
0101 MWF.....12:00pm-12:50pm (JMZ 1226) Gordo, M
Tu.....12:00pm-12:50pm (JMZ 1224)

PORT102 Elementary Portuguese; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 4 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 1226) Gordo, M
Tu.....1:00pm- 1:50pm (JMZ 1224)

PORT203 Intermediate Portuguese; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 4 credits
0101 MWF.....11:00am-11:50am (JMZ 1120) Gordo, M
Tu.....11:00am-11:50am (JMZ 1211)

PORT205 Intermediate Conversation; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....11:00am-11:50am (JMZ 2215F) Igel, R

PORT221 Introduction to Brazilian Literature; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 1120) Igel, R

PORT399 (PermReq) Independent Study in Portuguese; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

PORT478 Themes and Movements of Luso-Brazilian Literature in Translation: Portuguese Literature in Translation; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (JMZ 1125) Igel, R

PSYC Psychology (Behavior & Social Sci)

PSYC100 Introduction to Psychology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Discussion sections do not meet until after first lecture. — 3 credits
0110 MW.....10:00am-10:50am (ZOP 1240) Horton, D
W.....12:00pm-12:50pm (ZOP 1124) DIS
0111 MW.....10:00am-10:50am (ZOP 1240) Horton, D
W.....1:00pm- 1:50pm (ZOP 1124) DIS
0112 MW.....10:00am-10:50am (ZOP 1240) Horton, D
W.....2:00pm- 2:50pm (ZOP 1124) DIS
0113 MW.....10:00am-10:50am (ZOP 1240) Horton, D
W.....3:00pm- 3:50pm (ZOP 1124) DIS
0114 MW.....10:00am-10:50am (ZOP 1240) Horton, D
Th.....11:00am-11:50am (ZOP 1124) DIS
0115 MW.....10:00am-10:50am (ZOP 1240) Horton, D
Th.....12:00pm-12:50pm (ZOP 1124) DIS
0116 MW.....10:00am-10:50am (ZOP 1240) Horton, D
Th.....1:00pm- 1:50pm (ZOP 1124) DIS
0117 MW.....10:00am-10:50am (ZOP 1240) Horton, D
Th.....2:00pm- 2:50pm (ZOP 1124) DIS
0118 MW.....10:00am-10:50am (ZOP 1240) Horton, D
Th.....3:00pm- 3:50pm (ZOP 1124) DIS
0119 MW.....10:00am-10:50am (ZOP 1240) Horton, D
F.....9:00am- 9:50am (ZOP 1124) DIS
0120 MW.....10:00am-10:50am (ZOP 1240) Horton, D
F.....10:00am-10:50am (ZOP 1124) DIS
0121 MW.....10:00am-10:50am (ZOP 1240) Horton, D
F.....11:00am-11:50am (ZOP 1124) DIS
0122 MW.....10:00am-10:50am (ZOP 1240) Horton, D
F.....12:00pm-12:50pm (ZOP 1124) DIS
0123 MW.....10:00am-10:50am (ZOP 1240) Horton, D
F.....1:00pm- 1:50pm (ZOP 1124) DIS
0220 MW.....2:00pm- 2:50pm (ZOP 1240) STAFF
W.....3:00pm- 3:50pm (ZOP 1228) DIS
0221 MW.....2:00pm- 2:50pm (ZOP 1240) STAFF
W.....4:00pm- 4:50pm (ZOP 1228) DIS
0222 MW.....2:00pm- 2:50pm (ZOP 1240) STAFF
Th.....9:00am- 9:50am (ZOP 1228) DIS
0223 MW.....2:00pm- 2:50pm (ZOP 1240) STAFF
Th.....10:00am-10:50am (ZOP 1228) DIS
0224 MW.....2:00pm- 2:50pm (ZOP 1240) STAFF
Th.....11:00am-11:50am (ZOP 1228) DIS
0225 MW.....2:00pm- 2:50pm (ZOP 1240) STAFF
Th.....1:00pm- 1:50pm (ZOP 1234) DIS
0226 MW.....2:00pm- 2:50pm (ZOP 1240) Moriarty, B
Th.....3:00pm- 3:50pm (ZOP 1228) DIS
0227 MW.....2:00pm- 2:50pm (ZOP 1240) STAFF
Th.....4:00pm- 4:50pm (ZOP 1228) DIS
0228 MW.....2:00pm- 2:50pm (ZOP 1240) STAFF
F.....9:00am- 9:50am (ZOP 1228) DIS
0229 MW.....2:00pm- 2:50pm (ZOP 1240) STAFF
F.....10:00am-10:50am (ZOP 1228) DIS
0230 MW.....2:00pm- 2:50pm (ZOP 1240) STAFF
F.....11:00am-11:50am (ZOP 1228) DIS
0231 MW.....2:00pm- 2:50pm (ZOP 1240) STAFF
F.....12:00pm-12:50pm (ZOP 1228) DIS
0232 MW.....2:00pm- 2:50pm (ZOP 1240) STAFF
F.....1:00pm- 1:50pm (ZOP 1228) DIS
0233 MW.....2:00pm- 2:50pm (ZOP 1240) STAFF
F.....2:00pm- 2:50pm (ZOP 1228) DIS
0330 TuTh.....2:00pm- 2:50pm (ZOP 1240) Hodos, W
Th.....3:00pm- 3:50pm (ZOP 1234) DIS
0331 TuTh.....2:00pm- 2:50pm (ZOP 1240) Hodos, W
Th.....4:00pm- 4:50pm (ZOP 1234) DIS
0332 TuTh.....2:00pm- 2:50pm (ZOP 1240) Hodos, W
F.....8:00am- 8:50am (ZOP 1234) DIS
0333 TuTh.....2:00pm- 2:50pm (ZOP 1240) Hodos, W
F.....9:00am- 9:50am (ZOP 1234) DIS
0334 TuTh.....2:00pm- 2:50pm (ZOP 1240) Hodos, W
F.....10:00am-10:50am (ZOP 1234) DIS
0335 TuTh.....2:00pm- 2:50pm (ZOP 1240) Hodos, W
F.....11:00am-11:50am (ZOP 1234) DIS
0336 TuTh.....2:00pm- 2:50pm (ZOP 1240) Hodos, W
F.....12:00pm-12:50pm (ZOP 1234) DIS
0337 TuTh.....2:00pm- 2:50pm (ZOP 1240) Hodos, W
F.....1:00pm- 1:50pm (ZOP 1234) DIS
0338 TuTh.....2:00pm- 2:50pm (ZOP 1240) Hodos, W
F.....2:00pm- 2:50pm (ZOP 1234) DIS
0339 TuTh.....2:00pm- 2:50pm (ZOP 1240) Hodos, W
Tu.....3:00pm- 3:50pm (ZOP 1234) DIS
0340 TuTh.....2:00pm- 2:50pm (ZOP 1240) Hodos, W
Tu.....4:00pm- 4:50pm (ZOP 1234) DIS
0341 TuTh.....2:00pm- 2:50pm (ZOP 1240) Hodos, W
W.....8:00am- 8:50am (ZOP 1234) DIS
0342 TuTh.....2:00pm- 2:50pm (ZOP 1240) Hodos, W
W.....9:00am- 9:50am (ZOP 1234) DIS
0343 TuTh.....2:00pm- 2:50pm (ZOP 1240) Hodos, W
W.....10:00am-10:50am (ZOP 1234) DIS

PSYC100H (PermReq) Introduction to Psychology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Honors. Permission may be obtained in the General Honors Program Office (0110 Hornbake) or in ZOP 1141. — 3 credits
0201 TuTh.....12:30pm- 1:45pm (ZOP 1238) Sternheim, C

PSYC200 (PermReq) Statistical Methods in Psychology; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 100 and MATH 111 or 140 or 220. — 3 credits
0101 MWF.....9:00am- 9:50am (ZOP 2283) Larkin, W
0201 MWF.....11:00am-11:50am (ZOP 1238) Larkin, W
0301 MWF.....2:00pm- 2:50pm (ZOP 2283) Norman, K
0401 TuTh.....9:30am-10:45am (ZOP 1238) Penner, M
0501 TuTh.....11:00am-12:15pm (ZOP 1238) Martin, J
0601 TuTh.....2:00pm- 3:15pm (ZOP 1238) Penner, M
0701 TuTh.....3:30pm- 4:45pm (ZOP 1238) Martin, J

PSYC221 Social Psychology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Prerequisite: PSYC 100. — 3 credits
0110 MW.....1:00pm- 1:50pm (ZOP 1240) Stangor, C
W.....2:00pm- 2:50pm (ZOP 1234) DIS
0111 MW.....1:00pm- 1:50pm (ZOP 1240) Stangor, C
W.....3:00pm- 3:50pm (ZOP 1234) DIS
0112 MW.....1:00pm- 1:50pm (ZOP 1240) Stangor, C
Th.....12:00pm-12:50pm (ZOP 1232) DIS
0113 MW.....1:00pm- 1:50pm (ZOP 1240) Stangor, C
Th.....1:00pm- 1:50pm (ZOP 1232) DIS
0114 MW.....1:00pm- 1:50pm (ZOP 1240) Stangor, C
Th.....2:00pm- 2:50pm (ZOP 1234) DIS
0115 MW.....1:00pm- 1:50pm (ZOP 1240) Stangor, C
F.....10:00am-10:50am (ZOP 1232) DIS
0116 MW.....1:00pm- 1:50pm (ZOP 1240) Stangor, C
F.....11:00am-11:50am (ZOP 1232) DIS
0117 MW.....1:00pm- 1:50pm (ZOP 1240) Stangor, C
F.....12:00pm-12:50pm (ZOP 1232) DIS
0118 MW.....1:00pm- 1:50pm (ZOP 1240) Stangor, C
F.....1:00pm- 1:50pm (ZOP 1232) DIS
0119 MW.....1:00pm- 1:50pm (ZOP 1240) Stangor, C
F.....2:00pm- 2:50pm (ZOP 1232) DIS

PSYC235 Psychology of Adjustment; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Prerequisite: PSYC 100. Student cannot receive credit for both PSYC 235 and PSYC 335. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (ZOP 1240) STAFF

~~PSYC301~~ Biological Basis of Behavior; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Prerequisite: PSYC 100. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (ZOP 1250) Brauth, S

PSYC332 Psychology of Human Sexuality; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 100. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (ZOP 1250) Brown, R

PSYC341 Introduction to Memory and Cognition; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 100. — 3 credits
0101 MWF.....2:00pm- 2:50pm (ZOP 1243) Horton, D

PSYC353 Adult Psychopathology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Students who have earned credit for PSYC 331 or 431 cannot also receive credit for PSYC 353. Prerequisite: PSYC 100. — 3 credits

0101 TuTh.....12:30pm- 1:45pm (ZOP 1240) Dies, R

PSYC354 Cross-Cultural Psychology; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisite: 6 credits in psychology. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (ZOP 2283) Tyler, F

PSYC355 Child Psychology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Students who have earned credit for PSYC 433 cannot also earn credit for PSYC 355. Prerequisite: PSYC 100. — 3 credits
0101 MWF.....1:00pm- 1:50pm (ZOP 1250) Johnson, J
0201 TuTh.....11:00am-12:15pm (ZOP 1250) Plude, D

PSYC356 Psychology of Adolescence; Grade Method: REG/P-F/AUD; Prerequisites: PSYC 100 and PSYC 355. — 3 credits
0101 TuTh.....9:30am-10:45am (ZOP 1243) Allen, L

PSYC361 Survey of Industrial and Organizational Psychology; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 100. — 3 credits
0101 MWF.....2:00pm- 2:50pm (ZOP 1250) Diehl, V

PSYC386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Information about the psychology field work program may be obtained in ZOP 1141. — 1-3 credits
0101 W.....3:00pm- 5:00pm (ZOP 1236) Coursey, R

PSYC387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Information about the psychology field work program may be obtained in ZOP 1141. — 1 credit
0101 Time and room to be arranged Coursey, R

PSYC400 (PermReq) Experimental Psychology: Learning and Motivation; Grade Method: REG/P-F/AUD; Prerequisites: PSYC 200 or a course in statistics from an approved departmental list; and completion of the departmental required English, math, and science supporting course sequence. Permission may be obtained in ZOP 1141. Department approval required after first week of classes. Waitlist is discontinued after first week of classes. — 4 credits
0101 MW.....10:00am-10:50am (ZOP 1243) Gollub, L
MTuThF....11:00am-11:50am (ZOP 4102) LAB
0102 MW.....10:00am-10:50am (ZOP 1243) Gollub, L
MTuThF....12:00pm-12:50pm (ZOP 4102) LAB
0103 MW.....10:00am-10:50am (ZOP 1243) Gollub, L
MTuThF....1:00pm- 1:50pm (ZOP 4102) LAB
0104 MW.....10:00am-10:50am (ZOP 1243) Gollub, L
MTuThF....2:00pm- 2:50pm (ZOP 4102) LAB
0105 MW.....10:00am-10:50am (ZOP 1243) Gollub, L
MTuThF....3:00pm- 3:50pm (ZOP 4102) LAB
0106 MW.....10:00am-10:50am (ZOP 1243) Gollub, L
MTuThF....9:00am- 9:50am (ZOP 4102) LAB

PSYC402 Physiological Psychology; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 206 or 301. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (ZOP 1243) Dooling, R

PSYC410 (PermReq) Experimental Psychology: Sensory Processes I; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 100 and completion of the departmentally required English, math, and science supporting course sequence. A student who has completed PSYC 310 must have permission of the instructor to register for PSYC 410. All others must obtain permission in ZOP 1141. Department approval required after first week of classes. Waitlist is discontinued after first week of classes. — 4 credits
0101 TuTh.....9:30am-10:45am (ZOP 2283) Sternheim, C
Th.....1:00pm- 3:00pm (ZOP 0124) LAB
0102 TuTh.....9:30am-10:45am (ZOP 2283) Sternheim, C
F.....10:00am-12:00pm (ZOP 0124) LAB

PSYC420 (PermReq) Experimental Psychology: Social Processes I; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 200 or a statistics course from an approved departmental list, PSYC 221, completion of the departmentally required English, math and science supporting course sequence. Permission may be obtained in ZOP 1141. Department approval is required after first week of classes. Waitlist is discontinued after first week of classes. — 4 credits
0101 TuTh.....2:00pm- 2:50pm (ZOP 0147) Kruglanski, A
TuTh.....10:00am-12:00pm (ZOP 0147) LAB
0102 TuTh.....2:00pm- 2:50pm (ZOP 0147) Kruglanski, A
TuTh.....12:00pm- 2:00pm (ZOP 0147) LAB
0103 TuTh.....2:00pm- 2:50pm (ZOP 0147) Kruglanski, A
WF.....10:00am-12:00pm (ZOP 0147) LAB
0104 TuTh.....2:00pm- 2:50pm (ZOP 0147) Kruglanski, A
WF.....12:00pm- 2:00pm (ZOP 0147) LAB

PSYC421 Experimental Psychology: Social Processes II; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 420. — 4 credits
0101 MW.....2:00pm- 2:50pm (ZOP 0147) Mills Jr, J
Time and room to be arranged LAB

PSYC424 Communication and Persuasion; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 221. — 3 credits
0101 TuTh.....11:00am-12:15pm (ZOP 1236) Mills Jr, J

PSYC432 Introduction to Counseling Psychology; Grade Method: REG/P-F/AUD; Prerequisite: 9 credits in psychology. — 3 credits
0101 MWF.....1:00pm- 1:50pm (ZOP 2283) Gelso, C

PSYC435 Personality Theories; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (ZOP 1228) Hill, C

PSYC440 (PermReq) Experimental Psychology: Cognitive Processes; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 200 or a statistics course from an approved departmental list, and completion of the departmentally required English, math and science supporting course sequence. Permission may be obtained in ZOP 1141. Department approval required after first week of classes. Waitlist is discontinued after first week of classes. — 4 credits
0101 MW.....9:00am- 9:50am (ZOP 1236) Anderson, N
M.....1:00pm- 5:00pm (ZOP 0124) LAB
0102 MW.....9:00am- 9:50am (ZOP 1236) Anderson, N
Tu.....1:00pm- 5:00pm (ZOP 0124) LAB

PSYC442 Psychology of Language; Grade Method: REG/P-F/AUD; Prerequisites: PSYC 100, PSYC 200 and either PSYC 341 or PSYC 440 or consent of the instructor. — 3 credits
0101 TuTh.....9:30am-10:45am (ZOP 1236) Hall, W

PSYC443 Thinking and Problem Solving; Grade Method: REG/P-F/AUD; Prerequisites: PSYC 100, PSYC 200 and either PSYC 341 or PSYC 440 or consent of the instructor. — 3 credits
0101 MWF.....11:00am-11:50am (ZOP 1236) Norman, K

PSYC451 Principles of Psychological Testing; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 200. — 4 credits
0101 TuTh.....2:00pm- 3:15pm (ZOP 1243) Helms, J
M.....1:00pm- 3:00pm (ZOP 2109) LAB
0102 TuTh.....2:00pm- 3:15pm (ZOP 1243) Helms, J
M.....3:00pm- 5:00pm (ZOP 2109) LAB
0103 TuTh.....2:00pm- 3:15pm (ZOP 1243) Helms, J
W.....12:00pm- 2:00pm (ZOP 2109) LAB
0104 TuTh.....2:00pm- 3:15pm (ZOP 1243) Helms, J
W.....2:00pm- 4:00pm (ZOP 2109) LAB

PSYC460 Psychological Foundations of Personnel Selection and Training; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 200. — 3 credits
0101 TuTh.....11:00am-12:15pm (ZOP 1234) Hanges, P

PSYC463 Psychology of Motivation and Attitudes in Organizational Settings; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....4:00pm- 6:30pm (ZOP 1236) Schneider, B

PSYC468H (PermReq) Field Experience and Special Assignments in Honors; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Permission may be obtained in ZOP 1141. — 1-3 credits

PSYC469H (PermReq) Honors Thesis Proposal Preparation; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Permission may be obtained in ZOP 1141. — 1-3 credits

PSYC478 (PermReq) Independent Study in Psychology; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Information about independent study may be obtained in ZOP 1141. — 1-3 credits

PSYC479 (PermReq) Special Research Problems in Psychology; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Information about research credit may be obtained in ZOP 1141. — 1-3 credits

PSYC488H (PermReq) Advanced Psychology I (Honors); Grade Method: REG/P-F/AUD; Prerequisite: PSYC 200 and consent of the honors committee. Please go to ZOP 1141 to request permission. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (ZOP 1232) Plude, D

PSYC499H (PermReq) Honors Thesis Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of the thesis advisor. Permission may be obtained in ZOP 1141.

Note: For all non-psychology graduate students, written permission of the instructor is required for all 600 courses and above. — 3 credits

PSYC601 Quantitative Methods; Grade Method: REG/AUD; For all non-PSYC graduate students, permission of instructor and dept. is required. — 3 credits
0101 TuTh.....10:00am-12:00pm (ZOP 1232) Ogrady, K

PSYC611 Advanced Developmental Psychology; Grade Method: REG/AUD; For all non-PSYC graduate students, permission of instructor and department is required. — 3 credits
0101 Th.....12:30pm- 3:00pm (ZOP 1105) Hall, W

PSYC612 Theories of Personality; Grade Method: REG/AUD; — 3 credits
0101 F.....1:00pm- 4:00pm (ZOP 1105) Smith, B

PSYC640 Fundamentals of Social Psychology; Grade Method: REG/AUD; PSYC majors only — 3 credits
0101 Th.....3:00pm- 5:30pm (ZOP 3132) Sigall, H
Time and room to be arranged LAB

PSYC679 Seminar in Cognitive Development; Grade Method: REG/AUD; — 3 credits
0101 Tu.....12:30pm- 3:00pm (ZOP 1105) Scholnick, E

PSYC701 Multivariate Analysis I; Grade Method: REG/AUD; For all non-PSYC graduate students. — 3 credits
0101 Tu.....1:00pm- 4:00pm (ZOP 1112) Ogrady, K

PSYC709 Seminar in Mathematical Models; Grade Method: REG/AUD; — 3 credits
0101 M.....3:00pm- 6:00pm (ZOP 1105) Anderson, N

PSYC711 Introduction to Counseling Psychology; Grade Method: REG/AUD; — 3 credits
0101 MW.....10:00am-12:00pm (ZOP 1112) Hill, C

PSYC713 Fundamentals of Clinical Psychology; Grade Method: REG/AUD; — 3 credits
0101 W.....1:00pm- 4:00pm (ZOP 1105) Tyler, F

PSYC718 Research Issues in Clinical, Counseling, and Community Psychology; Grade Method: REG/AUD; For all non-PSYC graduate students, permission of instructor and department is required. — 3 credits
0101 W.....9:00am-12:00pm (ZOP 1105) Gelso, C

PSYC719 Seminar in Clinical, Counseling, and Community Psychology; Grade Method: REG/AUD; For all non-PSYC graduate students, permission of instructor and department is required. — 3 credits
0101 Tu.....10:00am-12:00pm (ZOP 1105) Helms, J
0201 Tu.....2:00pm- 5:00pm (ZOP 1124) Brown, R

PSYC721 Seminar and Laboratory in Behavioral Assessment I; Grade Method: REG/AUD; For all non-PSYC graduate students, permission of instructor and department is required. — 2 credits
0101 M.....9:00am- 1:00pm (ZOP 2109) Coursey, R
W.....9:00am-11:00am (ZOP 2109)

PSYC722 Seminar and Laboratory in Behavioral Assessment I; Grade Method: REG/AUD; For all non-PSYC graduate students, permission of instructor and department is required. — 2 credits
0101 M.....9:00am- 1:00pm (ZOP 2109) Allen, L
W.....9:00am-11:00am (ZOP 2109)

PSYC728 Introductory Didactic-Practicum in Psychological Intervention; Grade Method: REG/AUD; For all non-PSYC graduate students, permission of instructor and department is required. — 3 credits
0101 M.....9:00am-12:00pm (ZOP 1232) Dies, R
Time and room to be arranged LAB
0201 Time and room to be arranged Lorion, R
F.....9:00am-11:00am (ZOP 1112)

PSYC729 Advanced Didactic-Practicum in Psychological Intervention; Grade Method: REG/AUD; For all non-PSYC graduate students, permission of instructor and department is required. — 3 credits
0101 W.....12:00pm- 3:00pm (ZOP 1112) Trickett, E
0102 F.....9:00am-12:00pm (ZOP 1105) Fretz, B

PSYC730 Introduction to Industrial and Organizational Psychology; Grade Method: REG/AUD; For all non-PSYC graduate students, permission of instructor and department is required. — 3 credits
0101 Tu.....3:00pm- 5:30pm (ZOP 2109) Klein, K

PSYC732 Selection and Classification Issues in Organizations; Grade Method: REG/AUD; — 3 credits
0101 Th.....3:00pm- 5:30pm (ZOP 1105) Hanges, P

PSYC738 Seminar in Industrial Psychology; Grade Method: REG/AUD; — 3 credits
0101 Tu.....3:00pm- 5:30pm (ZOP 1105) Schneider, B

PSYC743 Person Perception; Grade Method: REG/AUD; — 3 credits
0101 W.....4:00pm- 6:30pm (ZOP 3132) Kruglanski, A

PSYC748 Seminar in Social Psychology; Grade Method: REG/AUD; For all non-PSYC graduate students, permission of instructor and department is required. — 3 credits
0101 Tu.....3:00pm- 5:30pm (ZOP 3132) Sigall, H

PSYC749 Current Research in Social Psychology; Grade Method: REG/AUD; For all non-PSYC graduate students, permission of instructor and department is required. — 1-3 credits
0101 M.....4:00pm- 6:30pm (ZOP 3132) Stangor, C

PSYC761 Advanced Laboratory Techniques; Grade Method: REG/AUD; — 1-3 credits
0101 Th.....3:00pm- 5:30pm (ZOP 1112) Dooling, R

PSYC763 Advanced Psychophysiology; Grade Method: REG/AUD; — 3 credits
0101 W.....12:30pm- 3:00pm (ZOP 1228) Brauth, S

PSYC789 Special Research Problems; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits

PSYC798 Graduate Seminar; Grade Method: REG/AUD; For all non-PSYC graduate students, permission of instructor and department is required. — 2 credits
0101 W.....3:00pm- 5:30pm (ZOP 2283) Gollub, L

PSYC799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. For all non-PSYC graduate students, permission of instructor and department is required. — 1-6 credits

PSYC888 Research Methods in Psychology; Grade Method: REG/AUD; For all non-PSYC graduate students, permission of instructor and department is required. — 1-3 credits
0101 Time and room to be arranged Scholnick, E
0201 M.....9:00am-11:00am (ZOP 1105) Klein, K
0301 W.....3:00pm- 5:00pm (ZOP 1112) Anderson, N

PSYC899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

PUAF Public Affairs (Public Affairs)

PUAF610 Quantitative Methods in Policy Analysis; Grade Method: REG/AUD; For majors only. — 3 credits
0101 TuTh.....9:30am-10:45am (LEF 1208) Cohen, M
Th.....6:45pm- 7:30pm (LEF 1201) DIS
0201 MW.....5:15pm- 6:45pm (LEF 1201) Cohen, M
Th.....6:45pm- 7:30pm (LEF 1208) DIS

PUAF620 Political Analysis; Grade Method: REG/AUD; For majors only. — 3 credits
0101 MW.....11:00am-12:15pm (JRN 1104) STAFF

PUAF630 Government Intervention in the Private Sector; Grade Method: REG/AUD; For majors only or departmental permission. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (LEF 1208) Destler, I

PUAF640 Microeconomic Theory and Policy Analysis; Grade Method: REG/AUD; For majors only. — 3 credits
0101 MW.....9:30am-10:45am (TAA 1122) STAFF

PUAF641 Macroeconomic Theory and Policy Analysis; Grade Method: REG/AUD; For majors only or departmental permission. — 3 credits
0101 Tu.....7:00pm- 9:30pm (LEF 1222) Marquez, J

PUAF650 Normative Analysis; Grade Method: REG/AUD; For majors only or department permission. — 3 credits
0201 MW.....4:00pm- 5:15pm (TLF 2101) Brown, P

PUAF698A Selected Topics in Public Affairs: Introduction to the Policy Process; Grade Method: REG/AUD; For majors only or department permission. — 1 credit
0101 M.....1:30pm- 3:00pm (TAA 1122) STAFF

PUAF698C Selected Topics in Public Affairs: Regional Security: Managing Alliance Relations; Grade Method: REG/AUD; For majors only or department permission. — 3 credits
0101 M.....4:00pm- 6:30pm (TLF 1102) Kelleher, C

PUAF698G Selected Topics in Public Affairs: Regulatory Analysis; Grade Method: REG/AUD; — 3 credits
0101 W.....4:00pm- 6:30pm (TLF 1101) Crandall, R

PUAF698T Selected Topics in Public Affairs: U.S. Trade Policy and Politics; Grade Method: REG/AUD; Prerequisites: PUAF 620, 640 and 641 or permission of instructor. — 3 credits
0101 Th.....4:00pm- 6:30pm (LEF 1201) Destler, I

PUAF701 Public Policies Toward Business: Legal Institutions; Grade Method: REG/AUD; For majors only or permission of instructor. — 3 credits
0101 Tu.....4:00pm- 6:30pm (WDS 1101) Harter, P

PUAF710 Public Sector Program Operations; Grade Method: REG/AUD; For majors only or department permission. — 3 credits
0101 W.....4:00pm- 6:30pm (LEF 1208) Ards, S

PUAF711 Management Strategies in Public Organizations; Grade Method: REG/AUD; For majors only or department permission. — 3 credits
0101 Tu.....1:30pm- 3:00pm (EGR 0135) Brown, P

PUAF712 Advanced Financial Management; Grade Method: REG/AUD; For majors only or department permission. — 3 credits
0101 W.....1:00pm- 3:30pm (WDS 1131) Slater, S

PUAF720 The Security Policy Agenda I; Grade Method: REG/AUD; For majors only or department permission. — 3 credits
0101 Tu.....4:00pm- 6:30pm (LEF 1208) Nacht, M

PUAF723 Ethics and National Security Policy; Grade Method: REG/AUD; For majors only or departmental permission. — 3 credits
0101 W.....4:00pm- 6:30pm (TLF 0110) Fullinwider, R

PUAF752 Tactics and Principles of Negotiation; Grade Method: REG/AUD; Prerequisite: PUAF 610 or permission of instructor. — 3 credits
0101 M.....1:00pm- 3:30pm (ZOP 1228) Young, H

PUAF755 Computers as an Aid to Decision Making; Grade Method: REG/AUD; — 3 credits
0101 Th.....1:00pm- 3:30pm (TAA 1122) Ards, S

PUAF757 The Politics of Budgeting; Grade Method: REG/AUD; For majors only or department permission. — 3 credits
0101 M.....4:00pm- 6:30pm (LEF 1208) Schick, A

PUAF790 Project Course; Grade Method: REG/AUD; For majors only. — 3 credits
0101 Time and room to be arranged Kelleher, C

PUAF798B Readings in Public Policy; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

PUAF798F Readings in Public Policy: Special Topics in Public Affairs: Government and Non Profit Accounting; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:00pm- 6:30pm (TLF 0103) Fettus, S

PUAF798R Readings in Public Policy: Research Methods and Public Policy; Grade Method: REG/AUD; PHD candidates or department permission. — 3 credits
0101 Tu.....9:30am-11:45am (COL 3114) Levy, F

RECR Recreation (Phys Ed, Recr, & Health)

RECR130 Recreation and Leisure; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; All recreation majors enrolled in RECR 130 must enroll for RECR 489R at the same time. — 3 credits
0101 MWF.....9:00am- 9:50am (PRH 1301) STAFF

RECR270 Leisure Services and Special Populations; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (PRH 0307) Swisher, A

RECR271 Implications of Disabling Conditions For Therapeutic Recreation; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....8:00am- 9:15am (PRH 0307) Annand, V

RECR300 Senior Seminar; Grade Method: REG; Limited to recreation majors only. — 1 credit
0101 Th.....4:15pm- 5:30pm (PRH 0305) Annand, V

RECR335 Recreation and Leisure; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (PRH 1312) Churchill, J

RECR341 (PermReq) Field Work II; Grade Method: REG; Limited to recreation majors only. Prerequisite: RECR 300. — 8 credits
0101 M.....7:00pm- 7:50pm (PRH 0303) LAB Annand, V
Time and room to be arranged LAB

RECR350 Recreational Use of Natural Areas; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (PRH 1302) Kuss, F

RECR375 Principles of Therapeutic Recreation; Grade Method: REG; Prerequisite: RECR 270. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (PRH 0305) Annand, V

RECR386 (PermReq) Field Work; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Advisor approval required before registration. This course meets twice during the semester. Contact the department for meeting dates and times on first day of semester. — 1-3 credits

RECR387 Field Work Analysis; Grade Method: REG; — 1-3 credits

(PermReq) Individual Instruction course: contact department or instructor to obtain section number. Advisor approval required before registration. This course meets twice during the semester. Contact the department for meeting dates and times on first day of semester.

RECR420 Program Planning and Analysis; Grade Method: REG/P-F/AUD; Prerequisite: RECR 130 or RECR 325; RECR 220 recommended. 3 credits
0101 TuTh.....12:30pm- 1:45pm (PRH 0303) Strobell, A

RECR440 Leisure Services for the Aging; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....4:15pm- 6:45pm (PRH 0307) STAFF

RECR460 Leadership Techniques and Practices; Grade Method: REG/P-F/AUD; At least 56 credits earned. Prerequisite: RECR 130 or RECR 325. 3 credits
0101 MWF.....11:00am-11:50am (PRH 0307) Ward, V

RECR489 (PermReq) Field Laboratory Projects and Workshop; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Advisor approval required before registration. 1-6 credits

RECR489R Field Laboratory Projects and Workshop: Orientation to Leisure Service; Grade Method: REG; Limited to recreation majors. Must enroll for RECR 130 at the same time. 1 credit
0101 Th.....12:30pm- 1:45pm (PRH 0307) LAB Churchill, J

RECR493 Tourism and Commercial Leisure Services; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (PRH 0307) Verhoven Jr., P

RECR498C Special Topics in Recreation: Sign Language and Recreation for the Deaf; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....4:15pm- 6:45pm (PRH 0308) Oliva, G

RECR498P Special Topics in Recreation: Foundations of the Leisure Profession; Grade Method: REG/P-F/AUD; Not offered for graduate credit. 3 credits
0101 Tu.....4:15pm- 7:00pm (PRH 0307) Strobell, A

RECR498T Special Topics in Recreation: Park and Forest Recreation Resource Management.; Grade Method: REG/P-F/AUD; Field trips arranged. 3 credits
0101 TuTh.....11:00am-12:15pm (PRH 0305) Fedler, A

RECR498W Special Topics in Recreation: Wilderness Area Management; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....4:15pm- 6:45pm (PRH 0305) Fedler, A

RECR498Y Special Topics in Recreation: Computer Applications in Leisure Services; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....4:15pm- 6:45pm (PRH 1304) STAFF

RECR600 Seminar in Recreation; Grade Method: REG/AUD; 1 credit
0101 M.....4:15pm- 6:45pm (PRH 0301) Kuss, F

RECR610 Methods and Techniques of Research; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm- 9:45pm (PRH 0307) Kuss, F

RECR633 Foundations of Recreation; Grade Method: REG/AUD; Required for all entering graduate students. 3 credits
0101 Tu.....7:00pm- 9:45pm (PRH 0305) Ward, V

RECR688 (PermReq) Special Problems in Recreation; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Graduate students only. Must have consent of instructor prior to registration. 1-6 credits

RECR688G Special Problems in Recreation: Grantsmanship and Legislative Processes.; Grade Method: REG/AUD; 3 credits
0101 W.....7:00pm- 9:45pm (PRH 0303) Verhoven Jr., P

RECR700 Advanced Doctoral Seminar; Grade Method: REG/AUD; 1 credit
0101 M.....4:15pm- 6:45pm (PRH 0301) Kuss, F

RECR799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

RECR899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

RTVF Radio Television and Film (Arts and Humanities)

RTVF124 Mass Communication in 20th Century Society; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Credits earned do not count toward a major in RTVF. 3 credits
0101 MWF.....9:00am- 9:50am (TWS 2154) STAFF

RTVF 222 and 223 (grades of "C" or better) are prerequisites for majors prior to enrollment in upper level broadcasting courses. RTVF 222 and 314 (grades of "C" or better) are prerequisites prior to enrollment in all additional upper level film courses. Non-majors are required to obtain instructor's consent for all upper level RTVF courses. All students are limited to one production course per semester unless permission is obtained prior to registration.

RTVF222 Introduction to Radio, Television, and Film; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....1:00pm- 1:50pm (ARC 0204) Brown, D
M.....8:00am- 9:50am (TWS 0135) LAB
0102 MW.....1:00pm- 1:50pm (ARC 0204) Brown, D
W.....8:00am- 9:50am (TWS 0135) LAB
0103 MW.....1:00pm- 1:50pm (ARC 0204) Brown, D
F.....8:00am- 9:50am (TWS 0135) LAB
0104 MW.....1:00pm- 1:50pm (ARC 0204) Brown, D
M.....10:00am-11:50am (TWS 0135) LAB
0105 MW.....1:00pm- 1:50pm (ARC 0204) Brown, D
W.....10:00am-11:50am (TWS 0135) LAB
0106 MW.....1:00pm- 1:50pm (ARC 0204) Brown, D
F.....10:00am-11:50am (TWS 0135) LAB
0107 MW.....1:00pm- 1:50pm (ARC 0204) Brown, D
W.....2:00pm- 3:50pm (TWS 0135) LAB
0108 MW.....1:00pm- 1:50pm (ARC 0204) Brown, D
F.....2:00pm- 3:50pm (TWS 0135) LAB
0109 MW.....1:00pm- 1:50pm (ARC 0204) Brown, D
Tu.....9:00am-10:50am (TWS 0135) LAB
0110 MW.....1:00pm- 1:50pm (ARC 0204) Brown, D
Th.....9:00am-10:50am (TWS 0135) LAB
0111 MW.....1:00pm- 1:50pm (ARC 0204) Brown, D
Tu.....11:00am-12:50pm (TWS 0135) LAB
0112 MW.....1:00pm- 1:50pm (ARC 0204) Brown, D
Th.....11:00am-12:50pm (TWS 0135) LAB

RTVF223 The Television Program: Planning and Management; Grade Method: REG/P-F/AUD; Prerequisite: RTVF 222. Majors only. 3 credits
0101 TuTh.....9:30am-10:45am (TWS 2154) Lancaster, D
Tu.....11:00am-12:15pm (TWS 0131) LAB
0102 TuTh.....9:30am-10:45am (TWS 2154) Lancaster, D
Th.....11:00am-12:15pm (TWS 0131) LAB
0103 TuTh.....9:30am-10:45am (TWS 2154) Lancaster, D
Tu.....12:30pm- 1:45pm (TWS 0131) LAB
0104 TuTh.....9:30am-10:45am (TWS 2154) Lancaster, D
Th.....12:30pm- 1:45pm (TWS 0131) LAB
0105 TuTh.....9:30am-10:45am (TWS 2154) Lancaster, D
Tu.....2:00pm- 3:15pm (TWS 0131) LAB
0106 TuTh.....9:30am-10:45am (TWS 2154) Lancaster, D
Th.....2:00pm- 3:15pm (TWS 0131) LAB

RTVF302 (PermReq) Beginning Sound Production; Grade Method: REG/P-F/AUD; Prerequisites: RTVF 222 and 223 and consent of instructor Majors only. 3 credits
0101 M.....1:00pm- 1:50pm (TWS 0147) STAFF
MW.....11:00am-12:50pm (TWS 0131) LAB
0102 M.....1:00pm- 1:50pm (TWS 0147) STAFF
MW.....2:00pm- 3:50pm (TWS 0131) LAB

RTVF314 Introduction to the Film; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; This course does not count toward major requirements if used as U.S.P. RTVF 314 is a prerequisite for all upper level film courses. 3 credits
0101 TuTh.....2:00pm- 4:30pm (TWS 2154) Weiss, G
0201 WF.....3:00pm- 5:30pm (TWS 2154) Marchetti, G

RTVF317 (PermReq) Radio and Television Continuity Writing; Grade Method: REG/P-F/AUD; Prerequisites: RTVF 222, 223. Majors only. 3 credits
0101 MWF.....10:00am-10:50am (TWS 0131) STAFF
0201 MWF.....9:00am- 9:50am (TWS 0138) STAFF
0301 TuTh.....11:00am-12:15pm (TWS 0138) Shyles, L

RTVF333 (PermReq) Television and Children; Grade Method: REG/P-F/AUD; Majors only. 3 credits
0101 MWF.....9:00am- 9:50am (TWS 0147) Parks, S

RTVF340 (PermReq) Principles of Television Production Techniques; Grade Method: REG/P-F/AUD; Prerequisite: RTVF 222 and 223 and consent of instructor. Majors only. 3 credits
0101 M.....1:00pm- 1:50pm (ASY 2203) Sincell, C
MW.....9:00am-10:50am (TWS 0117) LAB
0102 M.....1:00pm- 1:50pm (ASY 2203) Sincell, C
MW.....11:00am-12:50pm (TWS 0117) LAB
0103 M.....1:00pm- 1:50pm (ASY 2203) Sincell, C
MW.....2:00pm- 3:50pm (TWS 0117) LAB
0104 M.....1:00pm- 1:50pm (ASY 2203) Sincell, C
TuTh.....9:00am-10:50am (TWS 0117) LAB
0105 M.....1:00pm- 1:50pm (ASY 2203) Sincell, C
TuTh.....11:00am-12:50pm (TWS 0117) LAB

RTVF346 (PermReq) Television News and Public Affairs; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (COL 3112) Lancaster, D

RTVF347 (PermReq) Broadcast Processes and Effects; Grade Method: REG/P-F/AUD; Prerequisites: RTVF 222 and 223. Majors only. 3 credits
0101 MWF.....10:00am-10:50am (TWS 0147) STAFF

RTVF351 (PermReq) Television Programming; Grade Method: REG/P-F/AUD; Majors only. 3 credits
0101 TuTh.....11:00am-12:15pm (TWS 0147) Blum, R

RTVF356 (PermReq) Film Production I, Introduction; Grade Method: REG/P-F/AUD; Prerequisite: RTVF 222. RTVF 314 recommended. Majors only. 3 credits
0101 TuTh.....9:30am-10:45am (TWS 2218) Weiss, G

RTVF384 (PermReq) Field Work Experience; Grade Method: S-F; Individual Instruction course: contact department or instructor to obtain section number. Applications must be approved prior to registration. Grading satisfactory/fail only. Majors only. 1-3 credits

RTVF385 (PermReq) Field Work Analysis; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Applications must be approved prior to registration. Must be taken with RTVF 384. Majors only. 1-3 credits

RTVF402 (PermReq) Advanced Sound Production; Grade Method: REG; Prerequisite: RTVF 302. Majors only. 3 credits
0101 Tu.....3:30pm- 6:30pm (TWS 0131) Tavares, F

RTVF414 (PermReq) Contemporary American Cinema; Grade Method: REG/P-F/AUD; Prerequisite: RTVF 222. RTVF 314 is recommended. Majors only. 3 credits
0101 TuTh.....11:00am- 1:45pm (TWS 2154) Robinson, E

RTVF417 Dramatic Writing For Broadcasting and Film; Grade Method: REG/P-F/AUD; Prerequisite: RTVF 317. RTVF 222 and 223 are recommended. Majors only. 3 credits
0101 TuTh.....2:00pm- 3:15pm (TWS 0138) Blum, R

RTVF419W (PermReq) Film Genres: American Film: WWII-Vietnam; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....1:00pm- 3:00pm (TWS 2154) Kolker, R

RTVF421 (PermReq) Film Criticism and Theory; Grade Method: REG; 3 credits
0101 MW.....1:00pm- 1:50pm (TWS 0138) Marchetti, G
F.....1:00pm- 3:00pm (TWS 2154) LAB

RTVF425 (PermReq) Television and Politics; Grade Method: REG/P-F/AUD; Majors only. 3 credits
0101 TuTh.....2:00pm- 3:15pm (TWS 0147) Shyles, L

RTVF440 (PermReq) Television Direction; Grade Method: REG/P-F/AUD; Prerequisite: RTVF 340 and consent of instructor. Majors only. 3 credits
0101 TuTh.....2:00pm- 4:45pm (TWS 0117) Lancaster, D

RTVF447 (PermReq) Quantitative Methods of Broadcast Research; Grade Method: REG/P-F/AUD; Prerequisite: RTVF 347. RTVF 222 and 223 are recommended. Majors only. 3 credits
0101 MWF.....11:00am-11:50am (TWS 0147) STAFF

RTVF449 (PermReq) Television Workshop; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Variable credit 1-3, repeatable to a maximum of 6 credits. Majors only. 1-3 credits

RTVF449V (PermReq) Television Workshop: Electronic Field Production; Grade Method: REG/P-F/AUD; Prerequisite : RTVF340. Majors only. 3 credits
0101 MWF.....9:00am- 9:50am (TWS 0131) Sincell, C

RTVF450 (PermReq) Radio and Television Station Management; Grade Method: REG/P-F/AUD; RTVF 222 and 223 are recommended. Majors only. 3 credits
0101 MWF.....11:00am-11:50am (TWS 0138) Kirkley Jr, D

RTVF451 (PermReq) Broadcast Criticism; Grade Method: REG/P-F/AUD; RTVF 222 is recommended. Majors only. 3 credits
0101 MWF.....10:00am-10:50am (TWS 0138) Kirkley Jr, D

RTVF454 Cable Television; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....4:00pm- 6:50pm (TWS 0147) Gomery, J

RTVF456 (PermReq) Structure and Criticism of TV Advertising; Grade Method: REG/P-F/AUD; Majors only. 3 credits
0101 TuTh.....9:30am-10:45am (TWS 0147) Robinson, E

RTVF457 (PermReq) Media Economics; Grade Method: REG; 3 credits
0101 M.....3:00pm- 6:00pm (TWS 2154) Gomery, J

RTVF498A (PermReq) Seminar; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Warrants must be approved prior to registration. Majors only. 3 credits

RTVF498C (PermReq) Seminar: Radio Programming and Management; Grade Method: REG/P-F/AUD; Prerequisites: RTVF 222 and 223. Majors only. 3 credits
0101 M.....4:00pm- 6:40pm (TWS 0147) Patrick, W

RTVF498I (PermReq) Seminar: Current Issues in Communication Policy and Regulation; Grade Method: REG/P-F/AUD; Majors only. 3 credits
0101 TuTh.....3:30pm- 4:45pm (TWS 0135) Brown, D

RTVF498J (PermReq) Seminar: Current Topics in Mass Communication; Grade Method: REG/P-F/AUD; Majors only. 3 credits
0101 TuTh.....11:00am-12:15pm (TWS 0154) STAFF

RTVF600 Introduction to Graduate Study in Broadcasting; Grade Method: REG/AUD; Majors only. 3 credits
0101 Tu.....6:00pm- 8:45pm (TWS 0154) Brown, D

RTVF629 Special Problems in Film: Comtemporary European Directors; Grade Method: REG/AUD; 3 credits
0101 M.....3:00pm- 7:00pm (TWS 0154) Kolker, R

RTVF642 (PermReq) History of Broadcasting; Grade Method: REG/AUD; 3 credits
0101 W.....4:00pm- 6:45pm (TWS 0154) STAFF

RTVF648A (PermReq) Seminar in Broadcasting: Current Topics in Mass Communication; Grade Method: REG/AUD; Majors only. 3 credits
0101 TuTh.....11:00am-12:15pm (TWS 0154) STAFF

RTVF699 (PermReq) Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Warrants must be approved prior to registration. Majors only. 1-3 credits

RTVF799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

---

SLAV Slavic (Arts and Humanities)

Students should consult Department concerning new degree requirements for the Russian BA.

SLAV101 Elementary Russian I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Course chairperson: D. Davidson and staff. 4 credits
0101 MWF.....9:00am- 9:50am (JMZ 2206) STAFF
TuTh.....9:30am-10:45am (JMZ 1122) LAB
0201 MWF.....10:00am-10:50am (JMZ 1109) STAFF
TuTh.....9:30am-10:45am (JMZ 1215) LAB
0301 MWF.....12:00pm-12:50pm (JMZ 1104) STAFF
TuTh.....11:00am-12:15pm (JMZ 1120) LAB
0401 MWF.....12:00pm-12:50pm (JMZ 2117) STAFF
TuTh.....11:00am-12:15pm (JMZ 1226) LAB
0501 MWF.....2:00pm- 2:50pm (JMZ 3203) STAFF
TuTh.....2:00pm- 3:15pm (JMZ 2125) LAB

SLAV104 Intermediate Russian; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Course chairperson: R. Brecht and staff. 4 credits
0101 MWF.....9:00am- 9:50am (JMZ 3203) STAFF
TuTh.....8:30am- 9:20am (JMZ 1109) LAB
0201 MWF.....10:00am-10:50am (JMZ 2123) STAFF
TuTh.....10:00am-10:50am (JMZ 3203) LAB
0301 MWF.....12:00pm-12:50pm (JMZ 1122) STAFF
TuTh.....12:30pm- 1:20pm (JMZ 1109) LAB

SLAV202 Russian Conversation and Composition II; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 3118) STAFF

SLAV281 Russian Culture; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMZ 2206) Berry, T

SLAV301 Advanced Russian Grammar and Composition I; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....3:00pm- 3:50pm (JMZ 1120) Hitchcock, D

SLAV321 Survey of Russian Literature I; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 3207) Berry, T

SLAV328A 19th Century Russian Literature in Translation: From Pushkinto Dostoevsky; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 3203) Berry, T

SLAV401 Advanced Russian Conversation I; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (JMZ 0120) STAFF

SLAV403 Advanced Russian Composition I; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (JMZ 3207) Hitchcock, D

SLAV419P Selected Topics in Russian Language Study: Practicum in Translation for Diplomacy; Grade Method: REG/P-F/AUD; 3 credits
0101 Time and room to be arranged LAB Brecht, R

SLAV431 Russian Literature of the 19th Century I; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 3207) Lekic, M

SLAV479A Selected Topics in Slavic Linguistics: Linguistic Analysis of Russian I; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....2:00pm- 2:50pm (JMZ 1211) Merrill, P

SLAV479B Selected Topics in Slavic Linguistics: Recent History of the Russian Language; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....3:30pm- 4:45pm (JMZ 3207) Schallert, W

SLAV489 Selected Topics in Slavic Area Studies: Old Russian Literature in Translation; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 2117) Hitchcock, D

SLAV499 Directed Study; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

---

SOCY Sociology (Behavior & Social Sci)

SOCY100 Introduction to Sociology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Prerequisite for other sociology courses. 3 credits
0101 MWF.....9:00am- 9:50am (ARC 1103) STAFF
0201 MWF.....10:00am-10:50am (ASY 1213) STAFF
0301 MWF.....10:00am-10:50am (COL 3109) STAFF
0401 MWF.....11:00am-11:50am (ASY 2309) Canjar, R
0501 MWF.....11:00am-11:50am (EDU 0212) STAFF
0601 MWF.....12:00pm-12:50pm (ASY 1213) STAFF
0701 MWF.....12:00pm-12:50pm (COL 3110) STAFF
0801 MWF.....1:00pm- 1:50pm (ASY 2309) Parming, T
0901 MWF.....2:00pm- 2:50pm (ASY 1213) STAFF
1001 TuTh.....2:00pm- 3:15pm (COL 3109) Lengermann, J
1101 TuTh.....11:00am-12:15pm (COL 3109) Mashayekhi, M
1201 TuTh.....12:30pm- 1:45pm (ARC 0204) Hirzel, R

SOCY100A (PermReq) Introduction to Sociology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; This course is restricted to first semester freshpersons who have declared a major in one of the Behavior and Social Sciences. 3 credits
0101 MWF.....8:00am- 8:50am (ASY 1117) Pease, J

SOCY100B (PermReq) Introduction to Sociology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; This course is restricted to first semester freshpersons who are not declared majors in one of the Behavioral and Social Sciences. 3 credits
0201 TuTh.....2:00pm- 3:15pm (ASY 2309) Hunt, L

SOCY105 Introduction to Contemporary Social Problems; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 MWF.....9:00am- 9:50am (COL 3109) STAFF
0201 MWF.....11:00am-11:50am (COL 3110) STAFF
0301 MWF.....1:00pm- 1:50pm (LEF 2166) Finsterbusch, K
0401 MWF.....2:00pm- 2:50pm (ASY 3207) STAFF
0501 TuTh.....2:00pm- 3:15pm (ASY 1213) Snipp, C

SOCY120 Urban Sociology; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (ASY 3207) Hirzel, R

SOCY201 Introductory Statistics For Sociology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Required for majors. Prerequisite: MATH 110 or equivalent. 4 credits
0101 TuTh.....12:30pm- 1:45pm (ASY 1213) STAFF
M.....8:00am-10:00am (ASY 3217) LAB
0102 TuTh.....12:30pm- 1:45pm (ASY 1213) STAFF
M.....10:00am-12:00pm (ASY 3217) LAB
0103 TuTh.....12:30pm- 1:45pm (ASY 1213) STAFF
M.....12:00pm- 2:00pm (ASY 3217) LAB
0104 TuTh.....12:30pm- 1:45pm (ASY 1213) STAFF
M.....2:00pm- 4:00pm (ASY 3217) LAB
0105 TuTh.....12:30pm- 1:45pm (ASY 1213) STAFF
M.....4:00pm- 6:00pm (ASY 3217) LAB
0201 TuTh.....11:00am-12:15pm (ASY 2309) Neustadtl, A
W.....12:00pm- 2:00pm (ASY 3217) LAB
0202 TuTh.....11:00am-12:15pm (ASY 2309) Neustadtl, A
W.....2:00pm- 4:00pm (ASY 3217) LAB
0203 TuTh.....11:00am-12:15pm (ASY 2309) Neustadtl, A
W.....4:00pm- 6:00pm (ASY 3217) LAB

0204 TuTh.....11:00am-12:15pm (ASY 2309) Neustadtl, A
Tu.....4:00pm- 6:00pm (ASY 3217) LAB
0205 TuTh.....11:00am-12:15pm (ASY 2309) Neustadtl, A
F.....8:00am-10:00am (ASY 3217) LAB

SOCY202 Introduction to Research Methods in Sociology; Grade Method: REG/P-F/AUD; To be taken immediately after SOCY 201. Required for majors. 4 credits
0101 MWF.....9:00am- 9:50am (ASY 3203) Harper, G
F.....10:00am-12:00pm (ASY 3217) LAB
0102 MWF.....9:00am- 9:50am (ASY 3203) Harper, G
F.....12:00pm- 2:00pm (ASY 3217) LAB
0103 MWF.....9:00am- 9:50am (ASY 3203) Harper, G
F.....2:00pm- 4:00pm (ASY 3217) LAB

SOCY203 Sociological Theory; Grade Method: REG/P-F/AUD; Required for sociology majors. 3 credits
0101 TuTh.....11:00am-12:15pm (ASY 3217) STAFF
0201 MWF.....9:00am- 9:50am (ASY 3211) Falk, W

SOCY230 Sociological Social Psychology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Relationship of groups to individual behavior; interpersonal processes. 3 credits
0101 MWF.....10:00am-10:50am (ASY 3207) STAFF
0201 MWF.....12:00pm-12:50pm (ASY 3203) STAFF
0301 MWF.....1:00pm- 1:50pm (ASY 3207) Meeker, B
0401 TuTh.....11:00am-12:15pm (ARC 1105) STAFF

SOCY300 American Society; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 TuTh.....12:30pm- 1:45pm (ASY 3203) Hunt, L
0201 TuTh.....2:00pm- 3:15pm (ARC 1105) Vanneman, R

SOCY305 Scarcity and Modern Society; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 MWF.....11:00am-11:50am (ASY 3207) Finsterbusch, K

SOCY312 Family Demography; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (ARC 1103) Kahn, J

SOCY325 Sex Roles; Grade Method: REG/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisite: SOCY 100 or SOCY 105. 3 credits
0101 MWF.....9:00am- 9:50am (ASY 3207) Hunt, J
0201 TuTh.....9:30am-10:45am (ARC 1101) STAFF
0301 TuTh.....11:00am-12:15pm (ASY 3207) McIntyre, J
0401 TuTh.....12:30pm- 1:45pm (ARC 1105) STAFF

SOCY327 Introduction to the Study of Deviance; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; No credit for students who have completed SOCY 427. 3 credits
0101 MWF.....10:00am-10:50am (ASY 3203) Baxter, S
0201 MWF.....12:00pm-12:50pm (ASY 3207) Baxter, S
0301 TuTh.....2:00pm- 3:15pm (ASY 3207) McIntyre, J

SOCY331 Work, Bureaucracy, and Industry; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 TuTh.....11:00am-12:15pm (ASY 3203) Lengermann, J

SOCY343 Sociology of Marriage and Family; Grade Method: REG/P-F/AUD; No credit given if SOCY 498, Contemporary Marriage and Family, has been taken. 3 credits
0101 MWF.....9:00am- 9:50am (ASY 1213) STAFF
0201 MWF.....11:00am-11:50am (ASY 3203) Hunt, J
0301 MWF.....11:00am-11:50am (ASY 1213) STAFF
0401 TuTh.....2:00pm- 3:15pm (ASY 3203) Kahn, J

SOCY386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. To register, students must have departmental permission form signed by instructor and by Coordinator of Sociology Undergrad Program. SOCY 386 and 387 must be taken together. 1-3 credits

SOCY387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. To register, student must have departmental permission form signed by instructor and by Coordinator of Sociology Undergrad Program. Must be taken in conjunction with SOCY 386. 1-3 credits

SOCY398A Special Topics in Sociology: SOVIET SOCIETY; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....3:00pm- 6:00pm (ASY 3203) Parming, T

SOCY398C Special Topics in Sociology: Introduction to Computer for Social Science Majors; Grade Method: REG/AUD; 1 credit
0101 W.....3:00pm- 4:30pm (ASY 1116) Wagner, M

SOCY399 (PermReq) Independent Study in Sociology; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: 12 hours sociology including at least one of the following - SOCY 201, 202, or 203. No more than 6 hours of 399 is allowed for credit. 1-6 credits

SOCY401 Intermediate Statistics For Sociologists; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....2:00pm- 2:50pm (ASY 3215) Henkel, R

SOCY404 Methods of Quantitative Analysis; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (ASY 3215) Henkel, R

SOCY410 Population I; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (ASY 3221) Kammeyer, K

SOCY424 Sociology of Race Relations; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (ASY 3207) Landry, L

SOCY426 Sociology of Religion; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (ASY 3221) Meeker, B

SOCY427 Deviant Behavior; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 MWF.....1:00pm- 1:50pm (ASY 3203) Brown, R

SOCY430 Sociology of Personality; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....3:30pm- 4:45pm (ASY 3207) Dager, E

SOCY433 Social Control; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (ASY 3203) Landry, L

SOCY441 Social Stratification and Inequality; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 TuTh.....8:00am- 9:15am (ASY 2309) Pease, J

SOCY443 The Family and Society; Grade Method: REG/P-F/AUD; 3 credits
0201 MWF.....11:00am-11:50am (ASY 3221) Harper, G

SOCY445 Sociology of the Arts; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (ASY 3221) Clignet, R

SOCY464 Military Sociology; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 TuTh.....2:00pm- 3:15pm (COL 3112) STAFF

SOCY465 The Sociology of War; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (ASY 3221) Canjar, R

SOCY498M Selected Topics in Sociology: Sociology of Iranian Society and Culture; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (ASY 3217) Mashayekhi, M

SOCY604 Survey Research Methods; Grade Method: REG/AUD; 3 credits
0101 M.....6:30pm- 9:00pm (ASY 3221) Robinson, J

SOCY620 Development of European and American Sociological Theory; Grade Method: REG/AUD; 3 credits
0101 W.....3:30pm- 6:00pm (ASY 1117) Brown, R

SOCY631 Comparative Sociology; Grade Method: REG/AUD; 3 credits
0101 Tu.....6:30pm- 9:00pm (ASY 1117) Vanneman, R

SOCY641 Family Studies; Grade Method: REG/AUD; 3 credits
0101 Th.....3:30pm- 6:00pm (ASY 4111) Kammeyer, K

SOCY662 Theories of Formal Organization; Grade Method: REG/AUD; 3 credits
0101 M.....3:30pm- 6:00pm (ASY 1117) Hage, J

SOCY699 Special Social Problems; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

SOCY699C Special Social Problems: Introduction to Computer for Social Science Majors; Grade Method: REG/AUD; 1 credit
0101 W.....3:00pm- 4:30pm (ASY 1116) Wagner, M

SOCY699M (PermReq) Special Social Problems: Sociology of Third World Development; Grade Method: REG/AUD; 3 credits
0101 W.....3:30pm- 6:00pm (ASY 4111) Clignet, R

SOCY749 Advanced Special Topics in Demography; Grade Method: REG/AUD; 3 credits
0101 Tu.....3:30pm- 6:00pm (ASY 4111) STAFF

SOCY799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

SOCY819 Research Seminar in Social Psychology; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Rosenberg, M

SOCY829 Research Seminar in Sociological Theory; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Ritzer, G

SOCY839 Research Seminar in Organizations and Occupations; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Hage, J

SOCY849 Research Seminar in Demography; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Presser, H

SOCY858 Research Seminar in Sex Roles; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Hunt, J

SOCY859 Research Seminar in Sociology of the Family; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Kammeyer, K

SOCY869 Research Seminar in Military Sociology; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Segal, D

SOCY889 Research Seminar in Social Stratification; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Landry, L

SOCY899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

SPAN Spanish (Arts and Humanities)

Electronic laboratory for SPAN 101, SPAN 102, SPAN 103, SPAN 203 will be scheduled after classes start.

SPAN101 Elementary Spanish; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Course chair-staff. Students with 2 or more years of high school spanish must not register for SPAN 101 or 102. They must register for SPAN 103 or above. Students registered for SPAN 101, 102, or 103 must present a copy of their high school transcript on the first day of class for proper placement. Course chairman will transfer students whose language experience necessitates higher placement. 4 credits
0101 MTuWF.....8:00am- 8:50am (JMZ 2207) STAFF
0301 MTuWF.....9:00am- 9:50am (JMZ 2207) STAFF
0401 MTuWF.....9:00am- 9:50am (JMZ 1117) STAFF
0601 MTuWF.....10:00am-10:50am (JMZ 2207) STAFF
0701 MTuWF.....10:00am-10:50am (JMZ 1117) STAFF
0901 MTuWF.....11:00am-11:50am (JMZ 2207) STAFF
1001 MTuWF.....11:00am-11:50am (JMZ 1117) STAFF
1201 MTuWF.....12:00pm-12:50pm (JMZ 2207) STAFF
1301 MTuWF.....12:00pm-12:50pm (JMZ 1117) STAFF
1501 MTuWF.....1:00pm- 1:50pm (JMZ 2207) STAFF
1601 MTuWF.....1:00pm- 1:50pm (JMZ 1117) STAFF
1801 MTuWF.....2:00pm- 2:50pm (JMZ 2207) STAFF
1901 MTuWF.....2:00pm- 2:50pm (JMZ 1117) STAFF
2001 MTuWF.....3:00pm- 3:50pm (JMZ 2207) STAFF
2101 MW.....4:00pm- 6:00pm (JMZ 1117) STAFF
2201 MW.....7:00pm- 9:00pm (JMZ 1226) STAFF
2301 TuTh.....4:00pm- 6:00pm (JMZ 0120) STAFF

SPAN102 Elementary Spanish; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Course chair - staff. Leads to SPAN 203. Students with 2 or more years of high school Spanish must not register for SPAN 101 or 102. They must register for SPAN 103 or above. Students registered for SPAN 101, 102, or 103 must present a copy of their high school transcript on the first day of class for proper placement. Course chairmen will transfer students whose language experience necessitates higher placement. 4 credits
0101 MWThF.....8:00am- 8:50am (JMZ 1224) STAFF
0201 MWThF.....9:00am- 9:50am (JMZ 1224) STAFF
0301 MWThF.....10:00am-10:50am (JMZ 1224) STAFF
0501 MWF.....11:00am-11:50am (JMZ 1104) STAFF
Th.....11:00am-11:50am (JMZ 0125)
0601 MWThF.....11:00am-11:50am (JMZ 1224) STAFF
0701 MWThF.....12:00pm-12:50pm (JMZ 1224) STAFF
0801 MWThF.....1:00pm- 1:50pm (JMZ 1224) STAFF
0901 MWF.....2:00pm- 2:50pm (JMZ 1224) STAFF
Th.....2:00pm- 2:50pm (JMZ 1117)
1001 TuTh.....4:00pm- 6:00pm (JMZ 1224) STAFF
1201 MWF.....11:00am-11:50am (JMZ 1109) STAFF
Th.....11:00am-11:50am (JMZ 0118)
1301 MW.....7:00pm- 9:00pm (JMZ 1117) STAFF

SPAN102H Elementary Spanish; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Course chair-staff. Leads to SPAN 203. 4 credits
0101 MWF.....10:00am-10:50am (JMZ 1124) STAFF
Th.....10:00am-10:50am (JMZ 0125)

SPAN103 Review of Elementary Spanish; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Course chair-staff. Recommended for students who have completed not more than 2 years of high school Spanish or the first semester of college Spanish at another institution. Limited exceptions may be granted for students with weak preparation or several years' lapse since the study in high school. Students must present high school and/or college transcripts on the first day of class to assure proper placement. Exceptions must be approved in advance by the departmental advisor, JMZ 2211. 4 credits
0101 MWF.....8:00am- 8:50am (JMZ 1226) STAFF
Tu.....8:00am- 8:50am (JMZ 1103)
0201 MWF.....9:00am- 9:50am (JMZ 1103) STAFF
Tu.....9:00am- 9:50am (JMZ 0208)
0301 MWF.....11:00am-11:50am (JMZ 1103) STAFF
Tu.....11:00am-11:50am (JMZ 0208)
0401 MWF.....12:00pm-12:50pm (JMZ 1103) STAFF
Tu.....12:00pm-12:50pm (JMZ 0208)
0501 MWF.....1:00pm- 1:50pm (JMZ 1103) STAFF
Tu.....1:00pm- 1:50pm (JMZ 0208)
0601 MW.....4:00pm- 6:00pm (JMZ 1215) STAFF
0701 MWF.....10:00am-10:50am (HBK 0117) STAFF
Tu.....10:00am-10:50am (JMZ 1109)
0801 MWF.....10:00am-10:50am (JMZ 1103) STAFF
Tu.....10:00am-10:50am (JMZ 2122)
0901 MTuWF.....2:00pm- 2:50pm (JMZ 1226) STAFF
1001 MTuWF.....3:00pm- 3:50pm (JMZ 1226) STAFF
1101 TuTh.....4:00pm- 6:00pm (JMZ 1226) STAFF

SPAN203 Intermediate Spanish; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Course chair - staff. Recommended for students who completed SPAN 102, 102H, or 103 at UMCP or the equivalent at another institution or 3-4 years of high school Spanish. Students must present their high school and/or college transcripts on the first day of class in order to assure proper placement. Exceptions must be approved in advance by the departmental advisor, JMZ 2211. 4 credits
0101 MWThF.....8:00am- 8:50am (JMZ 0208) STAFF
0201 MWThF.....9:00am- 9:50am (JMZ 0208) STAFF
0301 MWThF.....10:00am-10:50am (JMZ 0208) STAFF
0401 MWF.....10:00am-10:50am (JMZ 1226) STAFF
Th.....10:00am-10:50am (JMZ 2207)
0501 MWThF.....11:00am-11:50am (JMZ 0208) STAFF
0601 MWF.....11:00am-11:50am (JMZ 1226) STAFF
Th.....11:00am-11:50am (JMZ 1117)
0701 MWThF.....12:00pm-12:50pm (JMZ 0208) STAFF
0801 MWThF.....1:00pm- 1:50pm (JMZ 0208) STAFF
0901 MWThF.....2:00pm- 2:50pm (JMZ 0208) STAFF
1001 MW.....4:00pm- 6:00pm (JMZ 0208) STAFF
1101 TuTh.....4:00pm- 6:00pm (JMZ 2122) STAFF
1201 MW.....7:00pm-10:00pm (JMZ 2120) STAFF
1301 MWThF.....3:00pm- 3:50pm (JMZ 0208) STAFF
1401 MWF.....9:00am- 9:50am (JMZ 2125) STAFF
Th.....9:00am- 9:50am (JMZ 0125)

SPAN203H Intermediate Spanish; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Course chair: staff. Recommended for students who meet the requirements for SPAN 203 with grades of A or B or who are eligible for a general or departmental honors program. See description of SPAN 203. Exceptions must be approved in advance by the departmental advisor, JMZ 2211. 4 credits
0101 MWF.....10:00am-10:50am (JMZ 1215) STAFF
Th.....10:00am-10:50am (JMZ 1109)

SPAN204 Review of Oral and Written Spanish; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Course chair - staff. Recommended for students who completed SPAN 203, 203H, or 205 at UMCP or the equivalent at another institution or 4-5 years of high school Spanish. Students must present their high school and/or college transcripts on the first day of class in order to assure proper placement. Exceptions must be approved in advance by the departmental advisor, JMZ 2211. 3 credits
0101 TuTh.....8:00am- 9:15am (JMZ 1226) STAFF
0201 TuTh.....9:30am-10:45am (JMZ 1226) STAFF
0301 TuTh.....11:00am-12:15pm (JMZ 1103) STAFF
0401 TuTh.....12:30pm- 1:45pm (JMZ 1226) STAFF

SPAN205 Intermediate Conversation; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; May be taken concurrently with SPAN 204 and 221. 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 1215) STAFF
0201 MWF.....10:00am-10:50am (JMZ 1211) STAFF
0301 MWF.....11:00am-11:50am (JMZ 1215) STAFF

SPAN221 Readings in Spanish; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; May be taken with SPAN 204 and/or 205. 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 1120) STAFF
0201 TuTh.....11:00am-12:15pm (JMZ 0120) STAFF

SPAN301 Review Grammar and Composition; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 1103) STAFF
0201 TuTh.....11:00am-12:15pm (JMZ 1104) STAFF
0301 TuTh.....12:30pm- 1:45pm (JMZ 1215) STAFF

SPAN302 Review Grammar and Composition; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 1104) STAFF

SPAN311 Advanced Conversation I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Course chair-Staff. Not open to native speakers. 3 credits
0101 MWF.....10:00am-10:50am (JMZ 1120) STAFF
0201 MWF.....11:00am-11:50am (JMZ 1211) STAFF
0301 MWF.....12:00pm-12:50pm (JMZ 1211) STAFF

SPAN312 Advanced Conversation II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Not open to native speakers. 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 1120) Rabasa, J

SPAN316 Practicum in Translation I; Grade Method: REG/P-F/AUD; Prerequisite: SPAN 302. 3 credits
0101 MWF.....10:00am-10:50am (JMZ 1104) STAFF

SPAN318 Translation of Technical Texts; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 1120) STAFF

SPAN321 Survey of Spanish Literature: 12th-17th Century; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 0120) STAFF

SPAN323 Survey of Spanish-American Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 1215) Nemes, G

SPAN325 Spanish Civilization I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMZ 1215) Naharro, J

SPAN357 Practicum in Translation IV; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (JMZ 0202) STAFF

SPAN386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

SPAN387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

SPAN399 (PermReq) Independent Study in Spanish; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Previous permission by the instructor is required for enrollment in this course. 1-3 credits

SPAN401 Advanced Composition; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (JMZ 2102) STAFF

SPAN408 Great Themes of the Hispanic Literatures: Caribbean Literature; Grade Method: REG/P-F/AUD; Designed for advanced undergraduates and first year master's students. 3 credits
0101 MWF.....11:00am-11:50am (JMZ 0202) STAFF

SPAN410 Literature of the Middle Ages; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 1215) STAFF

SPAN492H Honors Reading Course: Novel; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (JMZ 3207) STAFF

SPAN498 Spanish-American Poetry: From the Conquest to Independence; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 0103) Rabasa, J

SPAN628 Seminar: the Golden Age in Spanish Literature: Thought Movement and Obras Maestras of the Golden Age; Grade Method: REG/AUD; 3 credits
0101 Th.....4:30pm- 7:00pm (JMZ 2207) Zappala, M

SPAN699 (PermReq) Independent Study in Spanish; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

SPAN728 The Twentieth Century: Contemporary Spanish Poetry; Grade Method: REG/AUD; 3 credits

0101 Tu.....4:30pm- 7:00pm (JMZ 2207) Naharro, J

SPAN728B The Twentieth Century: Novela Reciente; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:30pm- 7:00pm (JMZ 1117) Sosnowski, S

SPAN798 Open Seminar: Workshop in Essay and Research Writing; Grade Method: REG/AUD; Mandatory to incoming graduate students. 3 credits
0101 F.....4:00pm- 6:30pm (JMZ 1215) Pacheco, J

SPAN799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

SPAN808 Colonial Spanish-American Literature: Historiography; Grade Method: REG/AUD; 3 credits
0101 W.....4:30pm- 7:00pm (JMZ 1211) Rabasa, J

SPAN818 National Spanish-American Literature: Romanticism and National Consiousness; Grade Method: REG/AUD; 3 credits
0101 M.....3:30pm- 6:00pm (JMZ 1211) Nemes, G

SPAN898 Open Seminar: Prosa de Dario; Grade Method: REG/AUD; 3 credits
0101 Th.....4:00pm- 6:30pm (JMZ 1211) Pacheco, J

SPAN899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

SPCH Speech (Arts and Humanities)

SPCH100 Basic Principles of Speech Communication; Grade Method: REG/P-F/AUD; Course director - Carlson. 3 credits
0101 MW.....12:00pm-12:50pm (ARM 0126) STAFF
F.....12:00pm-12:50pm (TWS 0138) DIS STAFF
0102 MW.....12:00pm-12:50pm (ARM 0126) STAFF
Tu.....8:00am- 8:50am (COL 0100) DIS STAFF
0103 MW.....12:00pm-12:50pm (ARM 0126) STAFF
Tu.....1:00pm- 1:50pm (TWS 0135) DIS STAFF
0104 MW.....12:00pm-12:50pm (ARM 0126) STAFF
Th.....3:00pm- 3:50pm (JMZ 1117) DIS STAFF
0105 MW.....12:00pm-12:50pm (ARM 0126) STAFF
F.....11:00am-11:50am (TWS 0131) DIS STAFF
0106 MW.....12:00pm-12:50pm (ARM 0126) STAFF
M.....2:00pm- 2:50pm (TWS 0135) DIS STAFF
0107 MW.....12:00pm-12:50pm (ARM 0126) STAFF
F.....1:00pm- 1:50pm (TWS 0147) DIS STAFF
0108 MW.....12:00pm-12:50pm (ARM 0126) STAFF
F.....12:00pm-12:50pm (TWS 0131) DIS STAFF
0109 MW.....12:00pm-12:50pm (ARM 0126) STAFF
W.....1:00pm- 1:50pm (ZOP 1234) DIS STAFF
0110 MW.....12:00pm-12:50pm (ARM 0126) STAFF
W.....9:00am- 9:50am (COL 0102) DIS STAFF
0112 MW.....12:00pm-12:50pm (ARM 0126) STAFF
Th.....2:00pm- 2:50pm (JMZ 1103) DIS STAFF
0113 MW.....12:00pm-12:50pm (ARM 0126) STAFF
Tu.....2:00pm- 2:50pm (TWS 1204) DIS STAFF
0114 MW.....12:00pm-12:50pm (ARM 0126) STAFF
Tu.....12:00pm-12:50pm (ZOP 1124) DIS STAFF
0115 MW.....12:00pm-12:50pm (ARM 0126) STAFF
Th.....1:00pm- 1:50pm (TWS 0135) DIS STAFF
0116 MW.....12:00pm-12:50pm (ARM 0126) STAFF
M.....1:00pm- 1:50pm (TWS 1204) DIS STAFF
0117 MW.....12:00pm-12:50pm (ARM 0126) STAFF
Tu.....9:00am- 9:50am (COL 0100) DIS STAFF
0201 MW.....1:00pm- 1:50pm (ARM 0126) STAFF
F.....12:00pm-12:50pm (TWS 2228) DIS STAFF
0202 MW.....1:00pm- 1:50pm (ARM 0126) STAFF
M.....8:00am- 8:50am (COL 0102) DIS STAFF
0203 MW.....1:00pm- 1:50pm (ARM 0126) STAFF
M.....9:00am- 9:50am (COL 0102) DIS STAFF
0204 MW.....1:00pm- 1:50pm (ARM 0126) STAFF
F.....12:00pm-12:50pm (TWS 0135) DIS STAFF
0205 MW.....1:00pm- 1:50pm (ARM 0126) STAFF
Th.....9:00am- 9:50am (COL 3112) DIS STAFF
0206 MW.....1:00pm- 1:50pm (ARM 0126) STAFF
Th.....12:00pm-12:50pm (JMZ 2207) DIS STAFF
0207 MW.....1:00pm- 1:50pm (ARM 0126) STAFF
F.....1:00pm- 1:50pm (TWS 1204) DIS STAFF
0208 MW.....1:00pm- 1:50pm (ARM 0126) STAFF
M.....2:00pm- 2:50pm (COL 0100) DIS STAFF
0209 MW.....1:00pm- 1:50pm (ARM 0126) STAFF
Tu.....1:00pm- 1:50pm (JMZ 0118) DIS STAFF
0210 MW.....1:00pm- 1:50pm (ARM 0126) STAFF
Tu.....2:00pm- 2:50pm (JMZ 1103) DIS STAFF
0211 MW.....1:00pm- 1:50pm (ARM 0126) STAFF
W.....8:00am- 8:50am (COL 0102) DIS STAFF
0212 MW.....1:00pm- 1:50pm (ARM 0126) STAFF
W.....12:00pm-12:50pm (ZOP 1234) DIS STAFF
0213 MW.....1:00pm- 1:50pm (ARM 0126) STAFF
Th.....11:00am-11:50am (JMZ 2207) DIS STAFF
0214 MW.....1:00pm- 1:50pm (ARM 0126) STAFF
F.....3:00pm- 3:50pm (TWS 2230) DIS STAFF

SPCH107 Technical Speech Communication; Grade Method: REG/P-F/AUD; Course chairperson - Wolvin. 3 credits
0101 MWF.....8:00am- 8:50am (TWS 1202) STAFF
0201 MWF.....8:00am- 8:50am (TWS 2212) STAFF
0301 MWF.....9:00am- 9:50am (TWS 1202) STAFF
0401 MWF.....9:00am- 9:50am (TWS 2228) STAFF
0501 MWF.....10:00am-10:50am (TWS 1204) STAFF
0601 MWF.....10:00am-10:50am (TWS 1202) STAFF
0701 MWF.....11:00am-11:50am (TWS 1204) STAFF
0801 MWF.....11:00am-11:50am (TWS 1202) STAFF
0901 MWF.....12:00pm-12:50pm (TWS 1204) STAFF
1001 MWF.....12:00pm-12:50pm (TWS 1202) STAFF
1101 MWF.....1:00pm- 1:50pm (TWS 0131) STAFF
1201 MWF.....1:00pm- 1:50pm (TWS 1202) STAFF
1301 TuTh.....8:00am- 9:15am (TWS 1204) STAFF
1401 TuTh.....9:30am-10:45am (TWS 0138) STAFF
1501 TuTh.....9:30am-10:45am (TWS 1202) STAFF
1601 TuTh.....11:00am-12:15pm (JMZ 3120) STAFF
1701 TuTh.....11:00am-12:15pm (ARC 1125) STAFF
1801 TuTh.....12:30pm- 1:45pm (TWS 1202) STAFF
1901 TuTh.....12:30pm- 1:45pm (TWS 2228) STAFF
2001 TuTh.....2:00pm- 3:15pm (TWS 2228) STAFF

SPCH107L (PermReq) Technical Speech Communication; Grade Method: REG/P-F/AUD; Enrollment by permission of Dean, Arts and Humanities, only. 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 1124) STAFF
0201 TuTh.....12:30pm- 1:45pm (TWS 0138) STAFF

SPCH125 Introduction to Interpersonal Communication; Grade Method: REG/P-F/AUD; Course chairperson - Edgar. 3 credits
0101 MWF.....9:00am- 9:50am (TWS 2230) STAFF
0201 MWF.....10:00am-10:50am (TWS 2230) STAFF
0301 MWF.....11:00am-11:50am (TWS 2230) STAFF
0401 MWF.....12:00pm-12:50pm (TWS 2230) STAFF
0501 MWF.....1:00pm- 1:50pm (TWS 2230) STAFF
0601 MWF.....2:00pm- 2:50pm (TWS 1204) STAFF
0701 TuTh.....9:30am-10:45am (TWS 1204) STAFF
0801 TuTh.....11:00am-12:15pm (JMZ 2125) STAFF
0901 TuTh.....12:30pm- 1:45pm (COL 0104) STAFF
1001 TuTh.....2:00pm- 3:15pm (TWS 0135) STAFF

SPCH200 (PermReq) Advanced Public Speaking; Grade Method: REG/P-F/AUD; Open to speech majors only. 3 credits
0101 TuTh.....12:30pm- 1:45pm (TWS 2212) STAFF
0201 TuTh.....2:00pm- 3:15pm (TWS 2212) STAFF
0301 TuTh.....12:30pm- 1:45pm (TWS 1204) McCaleb, J

SPCH220 Small Group Discussion; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....8:00am- 8:50am (TWS 2228) STAFF
0201 MWF.....10:00am-10:50am (TWS 2228) STAFF

SPCH222 Interviewing; Grade Method: REG/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (TWS 2212) Edgar, T

SPCH230 Argumentation and Debate; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (TWS 2212) STAFF
0201 MWF.....11:00am-11:50am (TWS 2228) STAFF
0301 TuTh.....9:30am-10:45am (TWS 2228) STAFF
0401 TuTh.....11:00am-12:15pm (TWS 2228) STAFF
0501 MW.....2:00pm- 3:15pm (TWS 2230) Klumpp, J

SPCH350 Foundations of Communication Theory; Grade Method: REG; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 TuTh.....12:30pm- 1:45pm (TWS 2230) Freimuth, V

SPCH360 The Rhetoric of Black America; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....7:00pm- 9:45pm (TWS 2228) Niles, L

SPCH400 Research Methods in Speech Communication; Grade Method: REG/P-F/AUD; To be taken during junior year. 3 credits
0101 MW.....2:00pm- 3:15pm (TWS 2212) Wilson, C

SPCH401 Foundations of Rhetoric; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....4:00pm- 6:45pm (TWS 2228) Doyle, T

SPCH402 Communication Theory and Process; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (TWS 1202) Gaines, R

SPCH424 Communication in Complex Organizations; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....4:00pm- 6:45pm (TWS 0135) Wilson, C

SPCH435 Theories of Interpersonal Communication; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (TWS 2230) Edgar, T

SPCH450 Classical and Medieval Rhetorical Theory; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 TuTh.....4:00pm- 5:15pm (TWS 0138) Gaines, R

SPCH470 Theories of Listening; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (TWS 0147) Wolvin, A

SPCH475 Theories of Persuasion; Grade Method: REG/P-F/AUD; Taught by Dr. Edward Fink, Distinguished Scholar Teacher. 3 credits
0101 MW.....11:00am-12:15pm (TWS 2212) Fink, E

SPCH488 (PermReq) Speech Communication Internship; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

SPCH489 (PermReq) Topical Research: Speech Communication Workshop; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

SPCH498 (PermReq) Seminar; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

SPCH4980 Seminar: Organizational Communication; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....4:00pm- 6:45pm (TWS 2212) Falcione, R

SPCH601 Historical-Critical Research in Speech Communication; Grade Method: REG/AUD; 3 credits
0101 W.....4:00pm- 6:45pm (TWS 2230) Carlson, C

SPCH628 Organization Communication: Research and Intervention: Research and Intervention Procedures in Organizational Communication; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm- 9:45pm (TWS 0135) Falcione, R

SPCH681 Communication Issues in Human Resource Development; Grade Method: REG/AUD; 3 credits
0101 Th.....4:00pm- 6:45pm (TWS 0131) Wolvin, A

SPCH688 (PermReq) Speech Communication Field Experience; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

SPCH698 (PermReq) Special Problems in Speech Communication; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

SPCH698E Special Problems in Speech Communication: Communication in Electoral Campaigns; Grade Method: REG/AUD; 3 credits
0101 Tu.....7:00pm- 9:45pm (TWS 2212) Devlin, P

SPCH698R Special Problems in Speech Communication: Seminar: Health Communication and Mass Media; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:00pm- 6:45pm (TWS 2212) Freimuth, V

SPCH798 (PermReq) Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

SPCH798J (PermReq) Independent Study: Teaching Communication; Grade Method: REG/AUD; 1-3 credits
0101 TuTh.....3:00pm- 4:00pm (TWS 1204) McCaleb, J

SPCH799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

---

STAT Statistics and Probability (Comp, Math, & Phys Sci)

STAT100 Elementary Statistics and Probability; Grade Method: REG/P-F/AUD; Meets USP Distibutive Studies (B)Natural Sciences and Mathematics requirement; Credit will be given for only one of the two courses: STAT 100 or MATH 111. Students who have completed MATH 111 or any MATH or STAT course with a prerequisite of MATH 141 may not obtain credit for STAT 100. 3 credits
0101 MWF.....11:00am-11:50am (MTH B0425) STAFF
0201 MWF.....12:00pm-12:50pm (MTH B0425) STAFF
0301 MWF.....2:00pm- 2:50pm (MTH B0425) STAFF
0401 MWF.....3:00pm- 3:50pm (MTH B0425) STAFF
0501 TuTh.....11:00am-12:15pm (MTH 0104) STAFF
0601 TuTh.....12:30pm- 1:45pm (MTH 0104) STAFF

STAT400 Applied Probability and Statistics I; Grade Method: REG/P-F/AUD; Not open to mathematics graduate students. Section 0201 is a special section using microcomputers. 3 credits
0101 MWF.....11:00am-11:50am (MTH 0306) Syski, R
0201 MWF.....12:00pm-12:50pm (MTH 0403) Gulick, D
0301 MWF.....1:00pm- 1:50pm (MTH 0401) Slud, E
0401 MWF.....2:00pm- 2:50pm (MTH 1311) Wei, C
0501 TuTh.....9:30am-10:45am (MTH 1308) Adams, J
0601 TuTh.....11:00am-12:15pm (MTH 1308) Mikulski, P
0701 TuTh.....12:30pm- 1:45pm (MTH 1313) Brin, M
0801 TuTh.....2:00pm- 3:15pm (MTH 0307) Yang, G

STAT401 Applied Probability and Statistics II; Grade Method: REG/P-F/AUD; Not open to mathematics graduate students. 3 credits
0101 TuTh.....11:00am-12:15pm (MTH 1313) Fakre-Zakeri, I

STAT410 Introduction to Probability Theory; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....5:00pm- 6:15pm (MTH 0101) Fakre-Zakeri, I
0201 TuTh.....11:00am-12:15pm (MTH 1311) Rosenberg, J

STAT411 Introduction to Stochastic Processes; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (MTH B0429) Syski, R

STAT440 Sampling Theory; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....5:00pm- 6:15pm (MTH 0304) Smith, P

STAT450 Regression and Variance Analysis; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (MTH 1311) Kedem, B

STAT464 Introduction to Biostatistics; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....8:00am- 9:15am (MTH 0305) STAFF

STAT498A Selected Topics in Statistics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

STAT600 Probability Theory I; Grade Method: REG/AUD; 3 credits
0101 MWF.....2:00pm- 2:50pm (MTH 0107) Slud, E

STAT610 Stochastic Processes I; Grade Method: REG/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (MTH 0104) Freidlin, M

STAT698A Selected Topics in Probability; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

STAT698B Selected Topics in Probability: Stochastic Models and Inference; Grade Method: REG/AUD; 3 credits
0201 TuTh.....11:00am-12:15pm (MTH 0301) Yang, G

STAT700 Mathematical Statistics I; Grade Method: REG/AUD; 3 credits
0101 TuTh.....5:00pm- 6:15pm (MTH 0405) Mikulski, P

STAT710 Advanced Statistics I; Grade Method: REG/AUD; 3 credits
0101 MWF.....10:00am-10:50am (MTH 0105) Wei, C

STAT740 Analysis of Variance; Grade Method: REG/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (MTH 0107) Kedem, B

STAT798A Selected Topics in Statistics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

STAT798C Selected Topics in Statistics; Grade Method: REG/AUD; 3 credits
0301 MWF.....11:00am-11:50am (MTH 0302) STAFF

STAT799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

STAT899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

TEXT Textiles (Human Ecology)

TEXT105 Introduction to Textiles; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (MHH 1400) Pourdeyhimi, B

TEXT205 Textile Materials and Performance; Grade Method: REG/P-F/AUD; This course was previously offered as TEXT 150. Students may not receive credit for both TEXT 150 and TEXT 205. 3 credits
0101 TuTh.....11:00am-12:15pm (MHH 1400) Block, I
M.....8:00am-10:00am (MHH 2401) LAB
0102 TuTh.....11:00am-12:15pm (MHH 1400) Block, I
M.....10:00am-12:00pm (MHH 2401) LAB
0103 TuTh.....11:00am-12:15pm (MHH 1400) Block, I
Tu.....1:00pm- 3:00pm (MHH 2401) LAB
0104 TuTh.....11:00am-12:15pm (MHH 1400) Block, I
W.....8:00am-10:00am (MHH 2401) LAB
0105 TuTh.....11:00am-12:15pm (MHH 1400) Block, I
W.....10:00am-12:00pm (MHH 2401) LAB
0106 TuTh.....11:00am-12:15pm (MHH 1400) Block, I
Th.....1:00pm- 3:00pm (MHH 2401) LAB
0107 TuTh.....11:00am-12:15pm (MHH 1400) Block, I
F.....10:00am-12:00pm (MHH 2401) LAB

TEXT221 Apparel I; Grade Method: REG/P-F/AUD; Attendance in laboratory is required. Limited to majors. 3 credits
0101 MW.....10:00am-10:50am (MHH 1304) Camacho, J
W.....11:00am- 2:00pm (MHH 2208) LAB
0102 MW.....10:00am-10:50am (MHH 1304) Camacho, J
Tu.....8:00am-11:00am (MHH 2208) LAB
0103 MW.....10:00am-10:50am (MHH 1304) Camacho, J
Th.....8:00am-11:00am (MHH 2208) LAB

TEXT222 Apparel II; Grade Method: REG/P-F/AUD; Attendance in laboratory is required. Prerequisite: TEXT 221. 3 credits
0101 MW.....2:00pm- 5:00pm (MHH 2208) LAB Anderson, C

TEXT305 Textile Materials: Evaluation and Characterization; Grade Method: REG/P-F/AUD; Prerequiste: TEXT 205. (Formerly TEXT 250). 3 credits
0101 MW.....1:00pm- 1:50pm (MHH 0108) Yeh, K
M.....2:00pm- 4:30pm (MHH 2201) LAB
0102 MW.....1:00pm- 1:50pm (MHH 0108) Yeh, K
W.....2:00pm- 4:30pm (MHH 2201) LAB
0103 MW.....1:00pm- 1:50pm (MHH 0108) Yeh, K
F.....1:00pm- 3:30pm (MHH 2201) LAB
0104 MW.....1:00pm- 1:50pm (MHH 0108) Yeh, K
Tu.....2:00pm- 4:30pm (MHH 2201) LAB

TEXT355 Textile Furnishings; Grade Method: REG/P-F/AUD; Prerequisite: TEXT 150. 3 credits
0101 MWF.....10:00am-10:50am (MHH 1400) Spivak, S

TEXT363 History of Textiles; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 TuTh.....12:30pm- 1:45pm (MHH 1304) Jung, K

TEXT365 (PermReq) Fashion Merchandising; Grade Method: REG/P-F/AUD; Limited to juniors and seniors. 3 credits
0101 TuTh.....9:30am-10:45am (MHH 1304) Wagner, J

TEXT375 Economics of the Textile and Apparel Industry; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201 and 203. 3 credits
0101 TuTh.....2:00pm- 3:15pm (ARM 0116) Dardis, R

TEXT388 (PermReq) Field Work and Analysis in Textiles; Grade Method: S-F; Limited to majors in textiles and consumer economics. 3-12 credits
0101 Time and room to be arranged Wagner, J

TEXT400 Research Methods; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (MHH 0108) Verma, S

TEXT420 Apparel Design: Draping; Grade Method: REG/P-F/AUD; Course will not be offered in spring term. Laboratory attendance is required. 3 credits
0101 MW.....8:00am-11:00am (MHH 2208) LAB Anderson, C

TEXT441 Clothing and Human Behavior; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (MHH 0108) Paoletti, J

TEXT452 Textile Science: Chemical Structures and Properties of Fibers; Grade Method: REG/P-F/AUD; Course will be offered in fall only. Prerequisites: CHEM 103 and 104. 3 credits
0101 TuTh.....9:30am-10:30am (MHH 2401) Smith, B
TuTh.....10:30am-12:30pm (MHH 2401) LAB
0102 TuTh.....9:30am-10:30am (MHH 2401) Smith, B
TuTh.....3:30pm- 5:30pm (MHH 2401) LAB

TEXT488 (PermReq) Senior Honors Thesis; Grade Method: S-F; Individual Instruction course: contact department or instructor to obtain section number. Limited to students in the departmental honors program. 1-4 credits

TEXT498 (PermReq) Special Studies; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 2-4 credits

TEXT498B Special Studies: Computer Simulated Merchandising; Grade Method: REG/P-F/AUD; Prerequisite: TEXT 365 and 1303B majors with 86 or more credits. 3 credits
0101 Th.....6:00pm- 8:30pm (MHH 1314) Friedman, M

THET Theatre (Arts and Humanities)

See also RTVF and SPCH.

THET110 Introduction to the Theatre; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....12:00pm-12:50pm (SHM 2101) STAFF
0201 MWF.....1:00pm- 1:50pm (SHM 2102) STAFF
0301 MWF.....2:00pm- 2:50pm (SHM 2101) STAFF
0401 TuTh.....9:30am-10:45am (SHM 2101) STAFF
0501 MWF.....2:00pm- 2:50pm (SHM 2102) STAFF
0601 MWF.....1:00pm- 1:50pm (JMZ 0220) STAFF

THET120 (PermReq) Acting Fundamentals; Grade Method: REG/P-F/AUD; Students must contact department before registration for appropriate section. 3 credits
0101 TuTh.....11:00am-12:50pm (TWS 1228) LAB Elam, H
0102 TuTh.....1:00pm- 2:50pm (TWS 1228) LAB STAFF
0103 TuTh.....3:00pm- 4:50pm (TWS 1228) LAB STAFF

THET170 Stagecraft; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-11:50am (TWS 0241) Kriebs, D
M.....1:00pm- 4:00pm (TWS 0231) LAB
0102 TuTh.....11:00am-11:50am (TWS 0241) Kriebs, D
Tu.....1:00pm- 4:00pm (TWS 0231) LAB
0103 TuTh.....11:00am-11:50am (TWS 0241) Kriebs, D
W.....1:00pm- 4:00pm (TWS 0231) LAB
0104 TuTh.....11:00am-11:50am (TWS 0241) Kriebs, D
Th.....1:00pm- 4:00pm (TWS 0231) LAB

THET185 Makeup; Grade Method: REG/P-F/AUD; 2 credits
(PermReq)
0101 TuTh.....1:00pm- 2:50pm (TWS B0230G) Milton, A

THET221 Speech For the Stage; Grade Method: 3 credits
(PermReq) REG/P-F/AUD;
0101 MW.....1:00pm- 2:50pm (TWS 1228) STAFF

THET273 Scenographic Techniques; Grade Method: 3 credits
REG/P-F/AUD; Prerequisite: THET 170.
0101 MW.....2:00pm- 3:50pm (TWS 1218) Stowe, L

THET310 The American Theatre; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement;
0101 MWF.....11:00am-11:50am (SHM 2101) Oleary, R

THET311 Play Production; Grade Method: 3 credits
REG/P-F/AUD;
0101 TuTh.....11:00am-12:15pm (TWS 1204) Coleman, D

THET320 Intermediate Acting; Grade Method: 3 credits
(PermReq) REG/P-F/AUD;
0101 MW.....9:00am-10:50am (TWS 1228) Elam, H

THET330 Play Directing; Grade Method: REG/P-F/AUD; 3 credits
(PermReq) Prerequisites: THET 120, 170.
0101 TuTh.....3:00pm- 4:50pm (TWS 0241) STAFF

THET386 Field Work; Grade Method: REG/P-F/AUD; 1-3 credits
(PermReq) Individual Instruction course: contact department or instructor to obtain section number.

THET387 Field Work Analysis; Grade Method: 1-3 credits
(PermReq) REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.

THET420 Styles and Theories of Acting; Grade 3 credits
(PermReq) Method: REG/P-F/AUD;
0101 TuTh.....9:00am-10:50am (TWS 0241) Patrick, M

THET429 Actor's Studio; Grade Method: REG/P-F/AUD; 1-3 credits
(PermReq) Individual Instruction course: contact department or instructor to obtain section number.

THET451 Musical Comedy Workshop; Grade Method: 3 credits
(PermReq) REG;
0101 MW.....2:00pm- 3:50pm (TWS 0241) Oleary, R

THET460 Theatre Management I; Grade Method: REG; 3 credits
0101 TuTh.....9:30am-10:45am (TWS 0131) Patterson, W

THET471 Advanced Scenic Design; Grade Method: 3 credits
(PermReq) REG/P-F/AUD;
0101 MW.....10:00am-11:50am (TWS 1218) Stowe, L

THET474 Stage Management and Technical Direction; 3 credits
Grade Method: REG/P-F/AUD;
0101 TuTh.....12:30pm- 1:45pm (TWS 1218) Kriebs, D

THET476 Principles and Theories of Stage Lighting; 3 credits
(PermReq) Grade Method: REG/P-F/AUD;
0101 TuTh.....1:00pm- 2:50pm (TWS 0241) Coleman, D

THET479 Theater Workshop; Grade Method: 1-3 credits
(PermReq) REG/P-F/AUD;
0101 Time and room to be arranged Kriebs, D
0201 Time and room to be arranged Strange, L
0301 Time and room to be arranged Stowe, L
0401 Time and room to be arranged Coleman, D

THET480 Stage Costume History and Design I; Grade 3 credits
Method: REG/P-F/AUD;
0101 TuTh.....9:00am-10:50am (TWS 1218) Milton, A

THET486 Stage Costume Construction I; Grade 3 credits
Method: REG/P-F/AUD;
0101 TuTh.....2:00pm- 3:50pm (TWS B0230D) Strange, L

THET490 History of the Theatre I; Grade Method: 3 credits
REG/P-F/AUD;
0101 MWF.....11:00am-11:50am (COL 0104) STAFF

THET495 History of Theatrical Theory and 3 credits
Criticism; Grade Method: REG/P-F/AUD;
Meets USP Advanced Studies Development of Knowledge requirement;
0101 TuTh.....11:00am-12:15pm (TWS 2230) Meersman, R

THET499 Independent Study; Grade Method: 3 credits
(PermReq) REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.

THET499R Independent Study: Advanced Scene Study 3 credits
(PermReq) and Play Analysis.; Grade Method: REG/P-F/AUD; Prerequisite: THET 420.
0101 MW.....9:00am-10:50am (TWS 0241) Patrick, M

THET499T Independent Study: Black Drama Workshop; 3 credits
(PermReq) Grade Method: REG/P-F/AUD;
0101 Tu.....4:00pm- 6:30pm (SDH 3123) Elam, H

THET600 Introduction to Graduate Study in Theatre; 3 credits
Grade Method: REG/AUD;
0101 Th.....4:00pm- 6:30pm (TWS 1147B) Gillespie, P

THET669 Independent Study; Grade Method: REG/AUD; 1-3 credits
(PermReq) Individual Instruction course: contact department or instructor to obtain section number.

THET688 Special Problems in Drama: Opera as Drama; 3 credits
Grade Method: REG/AUD;
0101 Meets 09/06/88 - 10/21/88 Bentley, E
W.....1:00pm- 3:30pm (JMZ 4225)
Time and room to be arranged DIS

THET698B Seminar: Studies in Theatre: Performing 3 credits
(PermReq) Brecht: A Master Class; Grade Method: REG/AUD;
0101 STAFF

THET788 Master's Tutorial; Grade Method: REG/AUD; 1-6 credits
(PermReq) Individual Instruction course: contact department or instructor to obtain section number.

THET789 Master's Practicum; Grade Method: REG/AUD; 1-6 credits
(PermReq) Individual Instruction course: contact department or instructor to obtain section number.

THET799 Master's Thesis Research; Grade Method: 1-6 credits
(PermReq) REG; Individual Instruction course: contact department or instructor to obtain section number.

TXCE Textiles and Consumer Economics (Human Ecology)

TXCE608 Special Problems; Grade Method: REG/AUD; 1-3 credits
(PermReq) Individual Instruction course: contact department or instructor to obtain section number.

TXCE608A Special Problems: Computer Data Analysis; 1 credit
Grade Method: REG/AUD;
0101 Time and room to be arranged Verma, S

TXCE610 Economics of Consumption; Grade Method: 3 credits
REG/AUD;
0101 Tu.....5:00pm- 7:30pm (MMH 2210) Dardis, R

TXCE620 Consumer Behavior; Grade Method: REG/AUD; 3 credits
0101 Th.....5:00pm- 7:30pm (MMH 2208) Ettenson, R

TXCE640 Historiography of Costume and Textiles; 3 credits
Grade Method: REG/AUD;
0101 TBA (MMH 2210) Paoletti, J

TXCE645 Fabric Structures; Grade Method: REG/AUD; 3 credits
Prerequisite: consent of instructor.
0101 TBA (MMH 2212) Pourdeyhimi, B

TXCE648 Seminar in Historic Textiles; Grade 1-3 credits
Method: REG/AUD;
0101 Time and room to be arranged Block, I
0701 Time and room to be arranged Spivak, S
1601 Time and room to be arranged Anderson, C

TXCE652 Textile Marketing; Grade Method: REG/AUD; 3 credits
Prerequisite: TEXT 470 or consent of instructor.
0101 TBA (MMH 2212) Wagner, J

TXCE660 Fiber Structure and Properties; Grade 3 credits
Method: REG/AUD;
0101 Th.....5:00pm- 7:30pm (MMH 2201) Yeh, K

TXCE670 Appearance and Sensory Properties; Grade 3 credits
Method: REG/AUD;
0101 Tu.....4:30pm- 8:30pm (MMH 2201) Block, I

TXCE699 Research Seminar; Grade Method: S-F; 1 credit
0101 M.....4:00pm- 4:50pm (MMH 1304) Smith, B

TXCE760 Physics and Chemistry of Fibers; Grade 3 credits
Method: REG/AUD;
0101 Time and room to be arranged Hollies, N

TXCE770 Textile Microscopy; Grade Method: REG/AUD; 3 credits
0101 W.....4:00pm- 5:00pm (MMH 0108) Spivak, S
W.....5:00pm- 8:30pm (MMH 2201) LAB

TXCE799 Master's Thesis Research: Non-Thesis 1-3 credits
(PermReq) Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number.

TXCE899 Doctoral Dissertation Research; Grade 1-8 credits
(PermReq) Method: REG; Individual Instruction course: contact department or instructor to obtain section number.

UMEI Maryland English Institute (Arts and Humanities)

UMEI001 English as a Foreign Language: Beginning; No credit
(PermReq) Grade Method: S-F; See Director, UMEI, 1104 Preinkert. An additional fee is charged for this course. See financial section in Schedule of Classes for information.
0101 Time and room to be arranged STAFF

UMEI002 English as a Foreign Language: No credit
(PermReq) Intermediate I; Grade Method: S-F; See Director, UMEI, 1104 Preinkert. An additional fee is charged for this course. See financial section in Schedule of Classes for information.
0101 Time and room to be arranged STAFF

UMEI003 English as a Foreign Language: No credit
(PermReq) Intermediate II; Grade Method: S-F; See Director, UMEI, 1104 Preinkert. An additional fee is charged for this course. See financial section in Schedule of Classes for information.
0101 Time and room to be arranged STAFF

UMEI004 English as a Foreign Language: No credit
(PermReq) Intermediate III; Grade Method: S-F; See Director, UMEI, 1104 Preinkert. An additional fee is charged for this course. See financial section in Schedule of Classes for information.
0101 TuTh.....10:00am-12:00pm (JMZ 1125) STAFF

UMEI005 Advanced English as a Foreign Language; No credit
(PermReq) Grade Method: S-F; See Director, UMEI, 1104 Preinkert. An additional fee is charged for this course. See financial section in Schedule of Classes for information.
0101 MTuWThF....3:00pm- 5:00pm (JMZ 1103) STAFF
0201 MWF.....10:00am-12:00pm (ASY 3219) STAFF
TuTh.....10:00am-12:00pm (ARC 1127)
0301 MTuWThF...10:00am-12:00pm (EDU 1203) STAFF
0401 MTuWThF....1:00pm- 3:00pm (ARC 1121) STAFF
0501 MWF.....8:00am-10:00am (JRN 1101) STAFF
TuTh.....8:00am-10:00am (JRN 1103)
0601 M.....9:00am-11:00am (ARC 1121) STAFF
TuWTh.....9:00am-11:00am (ARC 1123)
F.....9:00am-11:00am (ARC 1127)

UMEI005A Advanced English as a Foreign Language; No credit
(PermReq) Grade Method: S-F; For foreign graduate teaching assistants. An additional fee is charged for this course. See financial section in Schedule of Classes for information.
0101 MTuWThF....1:00pm- 3:00pm (JMZ 1124) STAFF

UMEI006 English Pronunciation; Grade Method: S-F; No credit
An additional fee is charged for this course. See financial section in Schedule of Classes for information.
0101 W.....4:00pm- 6:00pm (JMZ 1226) STAFF
0201 W.....10:00am-12:00pm (ZOP 1232) STAFF

URBS Institute for Urban Studies (Behavior & Social Sci)

URBS100 Introduction to Urban Studies; Grade 3 credits
Method: REG; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement;
0101 TuTh.....11:00am-12:15pm (TAA 1122) Levin, M

URBS210 Behavioral and Social Dimensions of the 3 credits
Urban Community; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement;
0101 TuTh.....2:00pm- 3:15pm (LEF 1210) Howland, M
0201 MWF.....1:00pm- 1:50pm (LEF 1222) Williams, B

URBS220 Environmental and Technological Dimensions 3 credits
of the Urban Community; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement;
0101 TuTh.....9:30am-10:45am (LEF 1221) Christian, C

URBS350 Quantitative Methods in Urban Studies; 3 credits
Grade Method: REG/P-F/AUD; Prerequisite: permission of instructor or one URBS course.
0101 MWF.....11:00am-11:50am (LEF 1201) Chang, W

URBS386 Field Work; Grade Method: REG/P-F/AUD; 1-3 credits
(PermReq) Individual Instruction course: contact department or instructor to obtain section number. Learning contract must be obtained in 0119 Hornbake. Must be taken concurrently with URBS 387. Contact instructor for group seminar dates.

URBS387 Field Work Analysis; Grade Method: 1-3 credits
(PermReq) REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Learning contract must be obtained from 0119 Hornbake. Must be taken with URBS 386. Contact instructor for group seminar dates.

URBS397H Honors Independent Reading; Grade Method: 3 credits
(PermReq) REG; Admission to honors program in URBS. Must have faculty permission.
0101 Time and room to be arranged STAFF

URBS399A Independent Study in Urban Topics; Grade 3 credits
(PermReq) Method: REG/P-F/AUD; Independent study related to internship experience. Concurrent registration with URBS 438 is possible.
0101 Time and room to be arranged Williams, B

URBS399I Independent Study in Urban Topics; Grade 3 credits
(PermReq) Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.

URBS399R Independent Study in Urban Topics: 3 credits
(PermReq) Independent Readings; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number.

URBS438 Urban Internship; Grade Method: 1-6 credits
(PermReq) REG/P-F/AUD; Concurrent enrollment in URBS 399A possible. See instructor for group seminar dates.
0101 Time and room to be arranged Williams, B

URBS470 Management and Administration of 3 credits
Metropolitan Areas; Grade Method: REG/P-F/AUD;
0101 TuTh.....8:00am- 9:15am (LEF 1201) Marando, V

URBS499H Honors Thesis; Grade Method: REG/P-F/AUD; 3-6 credits
(PermReq) Prerequisite: admissions to honors program in URBS or other departments.
0101 Time and room to be arranged STAFF

URBS601 Urban Research Methods: Multivariate 3 credits
Statistics; Grade Method: REG/AUD;
Prerequisite: URBS 350 or equivalent and GEOG 483, or permission of instructor.
0101 W.....7:00pm- 9:30pm (LEF 1201) Chang, W

URBS630 Urban Economics and Policy Analysis; Grade 3 credits
Method: REG/AUD;
0101 Th.....7:00pm- 9:30pm (LEF 1220) Howland, M

URBS656 Program Planning and Management; Grade 3 credits
(PermReq) Method: REG/AUD;
0101 M.....6:30pm- 9:00pm (LEF 1210) STAFF

URBS670 Urban Public Policy Analysis; Grade 3 credits
Method: REG/AUD;
0101 Tu.....7:00pm- 9:40pm (LEF 1201) Stone, C

URBS680 Environmental and Land Use Planning; Grade 3 credits
Method: REG/AUD;
0101 M.....7:00pm- 9:30pm (LEF 1222) Levin, M

URBS683 Social Planning and Community Development; 3 credits
Grade Method: REG/AUD;
0101 W.....4:00pm- 6:30pm (LEF 1210) Baum, H

URBS688G Recent Developments in Urban Studies: 3 credits
Planning in Groups and Organizations; Grade Method: REG/AUD;
0101 Th.....4:00pm- 6:30pm (LEF 1208) Baum, H

URBS689 Internship Seminar; Grade Method: REG/AUD; 3-6 credits
(PermReq) Individual Instruction course: contact department or instructor to obtain section number. See instructor for group seminar dates. Concurrent registration with URBS 698A possible.

URBS698A Independent Study in Urban Topics; Grade 3 credits
(PermReq) Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Concurrent registration with URBS 689 is possible. See instructor for group seminar dates.

URBS698I Independent Study in Urban Topics; Grade 3 credits
(PermReq) Method: REG; Individual Instruction course: contact department or instructor to obtain section number.

URBS698R Independent Study in Urban Topics: 3 credits
(PermReq) Independent Readings; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number.

URBS799 Master's Thesis Research; Grade Method: 1-6 credits
(PermReq) REG; Individual Instruction course: contact department or instructor to obtain section number.

WMST Women's Studies (Arts and Humanities)

Both WMST 200 and 250 serve as introductory courses for WMST and are required before taking any other course with a WMST prefix.

WMST200 Introduction to Women's Studies: Women 3 credits
and Society; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; A third discussion hour will be arranged in the first lecture.
0201 MWF.....11:00am-11:50am (HBK 0117) Zeiger, R
Time and room to be arranged DIS

Both WMST 200 and 250 serve as introductory courses for WMST and are required before taking any other courses with a WMST prefix.

WMST250 Introduction to Women's Studies: Women, 3 credits
Art and Culture; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; A third discussion hour will be arranged in the first lecture.
0201 TuTh.....11:00am-11:50am (HBK 0117) King, K
Time and room to be arranged DIS

WMST350 Feminist Education Practicum; Grade 3 credits
(PermReq) Method: REG/P-F/AUD; Co-requisite: WMST 351.
0101 Time and room to be arranged Zeiger, R
0301 Time and room to be arranged King, K

WMST351 Feminist Education Analysis; Grade Method: 3 credits
(PermReq) REG; Co-requisite: WMST 350.
0101 Time and room to be arranged Zeiger, R
0301 Time and room to be arranged King, K

WMST386 Field Work; Grade Method: REG/P-F/AUD; 3 credits
(PermReq) Co-requisite: WMST 387; prerequisite: WMST 200 or 250.
0101 M.....4:00pm- 6:00pm (MIL 1106) Stark, D
Time and room to be arranged DIS

WMST387 Field Work Analysis; Grade Method: 3 credits
(PermReq) REG/P-F/AUD; Co-requisite: WMST 386; prerequisite: WMST 200 or 250.
0101 M.....4:00pm- 6:00pm (MIL 1106) Stark, D
Time and room to be arranged DIS

WMST400 Theories of Feminism; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: WMST 200 or 250.
0101 MW.....4:00pm- 5:15pm (HBK 1108) Moses, C
0201 TuTh.....2:00pm- 3:15pm (COL 0104) King, K

WMST490 Feminist Reconceptualizations; Grade 3 credits
Method: REG/P-F/AUD; Prerequisite: WMST 200 or 250, and 400, or by permission of instructor. Senior standing. Priority will be given to WMST certificate students.
0101 TuTh.....9:30am-10:45am (JMZ 1124) Beck, E

WMST498A Special Topics in Women's Studies: Women 3 credits
in Science.; Grade Method: REG/P-F/AUD; Prerequisite: one course in science or one course in women's studies or consent of instructor.
0101 W.....4:00pm- 6:30pm (ZOP 1230) Palmer, M

WMST499 Independent Study: Independent Study; 1-3 credits
(PermReq) Grade Method: REG/P-F/AUD; Prerequisite: 3 hours of WMST, upper division standing, and consent of instructor.
0101 Time and room to be arranged Beck, E
0201 Time and room to be arranged King, K
0301 Time and room to be arranged Moses, C

WMST699 Independent Study; Grade Method: REG/AUD; 1-3 credits
0101 Time and room to be arranged Beck, E
0201 Time and room to be arranged King, K
0301 Time and room to be arranged Moses, C

ZOOL Zoology (Life Sciences)

ZOOL201 Human Anatomy and Physiology I; Grade 4 credits
Method: REG/P-F/AUD; Professor-in-charge: Payne. Laboratory supervisor: Spalding. Prerequisite: ZOOL 101 or equivalent.
0101 MWF.....9:00am- 9:50am (ZOP 1240) Payne, R
M.....10:00am- 1:00pm (ZOP 0205) LAB
0102 MWF.....9:00am- 9:50am (ZOP 1240) Payne, R
M.....1:00pm- 4:00pm (ZOP 0205) LAB
0103 MWF.....9:00am- 9:50am (ZOP 1240) Payne, R
M.....4:00pm- 7:00pm (ZOP 0205) LAB

0104 MWF.....9:00am- 9:50am (ZOP 1240) Payne, R
Tu.....8:00am-11:00am (ZOP 0205) LAB
0105 MWF.....9:00am- 9:50am (ZOP 1240) Payne, R
Tu.....11:00am- 2:00pm (ZOP 0205) LAB
0106 MWF.....9:00am- 9:50am (ZOP 1240) Payne, R
Tu.....2:00pm- 5:00pm (ZOP 0205) LAB
0107 MWF.....9:00am- 9:50am (ZOP 1240) Payne, R
W.....10:00am- 1:00pm (ZOP 0205) LAB
0108 MWF.....9:00am- 9:50am (ZOP 1240) Payne, R
W.....1:00pm- 4:00pm (ZOP 0205) LAB
0109 MWF.....9:00am- 9:50am (ZOP 1240) Payne, R
Th.....8:00am-11:00am (ZOP 0205) LAB
0110 MWF.....9:00am- 9:50am (ZOP 1240) Payne, R
Th.....11:00am- 2:00pm (ZOP 0205) LAB
0111 MWF.....9:00am- 9:50am (ZOP 1240) Payne, R
Th.....2:00pm- 5:00pm (ZOP 0207) LAB
0112 MWF.....9:00am- 9:50am (ZOP 1240) Payne, R
F.....10:00am- 1:00pm (ZOP 0205) LAB

ZOOL210 Animal Diversity; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Professor in charge: Linder. Laboratory supervisor: Edds. — 4 credits
0101 TuTh.....11:00am-11:50am (ZOP 1240) Linder, H
MF.....10:00am-12:00pm (ZOP 0271) LAB
0102 TuTh.....11:00am-11:50am (ZOP 1240) Linder, H
MF.....12:00pm- 2:00pm (ZOP 0271) LAB
0103 TuTh.....11:00am-11:50am (ZOP 1240) Linder, H
TuTh.....9:00am-11:00am (ZOP 0271) LAB
0104 TuTh.....11:00am-11:50am (ZOP 1240) Linder, H
TuTh.....1:00pm- 3:00pm (ZOP 0271) LAB
0105 TuTh.....11:00am-11:50am (ZOP 1240) Linder, H
TuTh.....3:00pm- 5:00pm (ZOP 0271) LAB
0106 TuTh.....11:00am-11:50am (ZOP 1240) Linder, H
MF.....2:00pm- 4:00pm (ZOP 0271) LAB
0107 TuTh.....11:00am-11:50am (ZOP 1240) Linder, H
MF.....10:00am-12:00pm (ZOP 0257) LAB
0108 TuTh.....11:00am-11:50am (ZOP 1240) Linder, H
MF.....12:00pm- 2:00pm (ZOP 0257) LAB
0109 TuTh.....11:00am-11:50am (ZOP 1240) Linder, H
TuTh.....9:00am-11:00am (ZOP 0257) LAB
0110 TuTh.....11:00am-11:50am (ZOP 1240) Linder, H
TuTh.....1:00pm- 3:00pm (ZOP 0257) LAB

ZOOL211 Cell Biology and Physiology; Grade Method: REG/P-F/AUD; Professor-in-charge: Olek. Lecturers: Colombini, Levitan, Olek and Shapiro. Laboratory supervisor: staff. Prerequisite: CHEM 103. — 4 credits
0101 MWF.....11:00am-11:50am (ZOP 1250) Olek, A
M.....2:00pm- 5:00pm (ZOP 0283) LAB
0102 MWF.....11:00am-11:50am (ZOP 1250) Olek, A
Tu.....9:00am-12:00pm (ZOP 0283) LAB
0103 MWF.....11:00am-11:50am (ZOP 1250) Olek, A
Tu.....2:00pm- 5:00pm (ZOP 0283) LAB
0104 MWF.....11:00am-11:50am (ZOP 1250) Olek, A
W.....2:00pm- 5:00pm (ZOP 0283) LAB
0105 MWF.....11:00am-11:50am (ZOP 1250) Olek, A
Th.....9:00am-12:00pm (ZOP 0283) LAB
0106 MWF.....11:00am-11:50am (ZOP 1250) Olek, A
Th.....2:00pm- 5:00pm (ZOP 0283) LAB
0107 MWF.....11:00am-11:50am (ZOP 1250) Olek, A
W.....6:00pm- 9:00pm (ZOP 0283) LAB
0108 MWF.....11:00am-11:50am (ZOP 1250) Olek, A
F.....2:00pm- 5:00pm (ZOP 0283) LAB

ZOOL212 Ecology, Evolution and Behavior; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Professor-in-charge: Gill. — 4 credits
0101 MWF.....1:00pm- 1:50pm (ZOP 1243) Inouye, D
M.....2:00pm- 5:00pm (ZOP 0275) LAB
0102 MWF.....1:00pm- 1:50pm (ZOP 1243) Inouye, D
Tu.....2:00pm- 5:00pm (ZOP 0275) LAB
0103 MWF.....1:00pm- 1:50pm (ZOP 1243) Inouye, D
W.....2:00pm- 5:00pm (ZOP 0275) LAB
0104 MWF.....1:00pm- 1:50pm (ZOP 1243) Inouye, D
Th.....9:00am-12:00pm (ZOP 0275) LAB
0106 MWF.....1:00pm- 1:50pm (ZOP 1243) Inouye, D
Tu.....9:00am-12:00pm (ZOP 0275) LAB
0107 MWF.....1:00pm- 1:50pm (ZOP 1243) Inouye, D
Th.....2:00pm- 5:00pm (ZOP 0275) LAB

ZOOL213 Genetics; Grade Method: REG/P-F/AUD; Prerequisite: An introductory course in biology and one semester of organic chemistry. — 4 credits
0101 MWF.....9:00am- 9:50am (ZOP 1250) Barnett, A
M.....2:00pm- 5:00pm (ZOP 0245) LAB
0102 MWF.....9:00am- 9:50am (ZOP 1250) Barnett, A
Tu.....2:00pm- 5:00pm (ZOP 0245) LAB
0103 MWF.....9:00am- 9:50am (ZOP 1250) Barnett, A
W.....1:00pm- 4:00pm (ZOP 0245) LAB
0105 MWF.....9:00am- 9:50am (ZOP 1250) Barnett, A
F.....12:00pm- 3:00pm (ZOP 0245) LAB
0106 MWF.....9:00am- 9:50am (ZOP 1250) Barnett, A
Tu.....9:00am-12:00pm (ZOP 0245) LAB

ZOOL299 (PermReq) Supplemental Study in Zoology; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ZOOL308H Honors Seminar; Grade Method: REG/P-F/AUD; — 1 credit
0101 Time and room to be arranged Levitan, H

ZOOL309H (PermReq) Honors Independent Study; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: paticipation in honors program. — 1-4 credits

ZOOL318H (PermReq) Honors Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: participation in honors program. — 1-2 credits

ZOOL319 (PermReq) Special Problems in Zoology; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisites: major in zoology or biological sciences, G.P.A. of 3.00 in biological sciences, consent of instructor. — 1-2 credits

ZOOL326 Biology of Reproduction; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (ZOP 1243) Carter-Porges,

ZOOL328B Selected Topics in Zoology: Cell Biology Lecture; Grade Method: REG/P-F/AUD; Prerequisites: ZOOL 211, ZOOL 213, CHEM 243 or 245, MATH 140 or 220, or permission. — 3 credits
0101 MWF.....11:00am-11:50am (ZOP 2283) Ades, I

ZOOL328F Selected Topics in Zoology: The Brain; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits
0101 TuTh.....8:00am- 9:15am (ZOP 1238) Levitan, H

ZOOL328W Selected Topics in Zoology: Women in Science; Grade Method: REG/P-F/AUD; Prerequisites: Two science courses or a women's studies course. Not accepted for credit towards the zoology major. — 3 credits
0101 W.....4:00pm- 6:30pm (ZOP 1230) Palmer, M

ZOOL328Z (PermReq) Selected Topics in Zoology: Field Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Cannot be used as credit toward the ZOOL major requirements. — 1-3 credits

ZOOL368 Laboratory Techniques in Behavioral Endocrinology: Laboratory Techniques in Animal Behavior; Grade Method: S-F; Prerequisite: ZOOL 326 or concurrent registration. — 2 credits
0101 Time and room to be arranged LAB Carter-Porges,

ZOOL381 Natural History of the Chesapeake Bay; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisites: a course in biological sciences or permission of instructor. — 3 credits
0101 MWF.....12:00pm-12:50pm (ZOP 1250) Small, E

ZOOL411 Cell Biology; Grade Method: REG/P-F/AUD; Prerequisite: ZOOL 211 and ZOOL 213, CHEM 243 or CHEM 245, MATH 140 or MATH 220 or permission. — 4 credits
0101 MWF.....11:00am-11:50am (ZOP 2283) Ades, I
M.....1:00pm- 5:00pm (ZOP 2271) LAB
0103 MWF.....11:00am-11:50am (ZOP 2283) Ades, I
W.....1:00pm- 5:00pm (ZOP 2271) LAB

ZOOL422 Vertebrate Physiology; Grade Method: REG/P-F/AUD; Professor-in-charge: Higgins. Laboratory supervisor: Staff. Prerequisites: ZOOL 211 and one semester of organic chemistry or permission of instructor. — 4 credits
0101 MWF.....8:00am- 8:50am (ZOP 1240) Higgins, W
M.....2:00pm- 5:00pm (ZOP 2223) LAB
0102 MWF.....8:00am- 8:50am (ZOP 1240) Higgins, W
Tu.....2:00pm- 5:00pm (ZOP 2223) LAB
0103 MWF.....8:00am- 8:50am (ZOP 1240) Higgins, W
Th.....2:00pm- 5:00pm (ZOP 2223) LAB
0106 MWF.....8:00am- 8:50am (ZOP 1240) Higgins, W
Th.....9:00am-12:00pm (ZOP 2223) LAB
0107 MWF.....8:00am- 8:50am (ZOP 1240) Higgins, W
W.....2:00pm- 5:00pm (ZOP 2223) LAB
0108 MWF.....8:00am- 8:50am (ZOP 1240) Higgins, W
F.....2:00pm- 5:00pm (ZOP 2223) LAB
0109 MWF.....8:00am- 8:50am (ZOP 1240) Higgins, W
M.....9:00am-12:00pm (ZOP 2223) LAB
0110 MWF.....8:00am- 8:50am (ZOP 1240) Higgins, W
Tu.....9:00am-12:00pm (ZOP 2223) LAB
0112 MWF.....8:00am- 8:50am (ZOP 1240) Higgins, W
F.....9:00am-12:00pm (ZOP 2223) LAB

ZOOL440 Evolution; Grade Method: REG/P-F/AUD; Prerequisite: ZOOL 210, ZOOL 212 and ZOOL 213. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (ZOP 1236) Highton, R

ZOOL446 Molecular Genetics; Grade Method: REG/P-F/AUD; Prerequisite: ZOOL 213 and a course in organic chemistry. — 3 credits
0101 TuTh.....11:00am-12:15pm (ZOP 2283) Imberski, R

ZOOL455 General Immunology; Grade Method: REG/P-F/AUD; — 3 credits
0101 Tu.....3:30pm- 5:15pm (ZOP 2283) Potter, M
Th.....3:30pm- 4:15pm (ZOP 2283)

ZOOL460 Ethology; Grade Method: REG/P-F/AUD; Prerequisite: ZOOL 210 and ZOOL 212; a course in physiology recommended. — 3 credits
0101 MW.....10:00am-10:50am (ZOP 1250) Wilkinson, G
F.....9:00am- 9:50am (ZOP 1230) DIS
0102 MW.....10:00am-10:50am (ZOP 1250) Wilkinson, G
F.....10:00am-10:50am (ZOP 1230) DIS
0103 MW.....10:00am-10:50am (ZOP 1250) Wilkinson, G
F.....11:00am-11:50am (ZOP 1230) DIS

ZOOL468 Experimental Behavioral Endocrinology; Grade Method: REG/P-F/AUD; Prerequisite: ZOOL 366. — 2 credits
0101 Time and room to be arranged LAB Carter-Porges,

ZOOL470 Advanced Animal Ecology; Grade Method: REG/P-F/AUD; Prerequisites: ZOOL 212, a course in calculus, and a course in statistics. — 2 credits
0101 MW.....9:00am- 9:50am (ZOP 1238) Gill, D

ZOOL471 Laboratory and Field Ecology; Grade Method: REG/P-F/AUD; Co- or prerequisite: ZOOL 470. — 2 credits
0101 F.....1:00pm- 5:00pm (ZOP 0207) LAB Gill, D

ZOOL480 Aquatic Biology; Grade Method: REG/P-F/AUD; Prerequisites: course in animal diversity (e.g.,ZOOL 210) and a course in ecology (e.g.,ZOOL 212). — 4 credits
0101 MW.....1:00pm- 1:50pm (ZOP 1238) Allan, J
MW.....2:00pm- 5:00pm (ZOP 0201) LAB

ZOOL482 Marine Vertebrate Zoology; Grade Method: REG/P-F/AUD; Prerequisite: Two years of zoology including ZOOL 210 and ZOOL 213. — 4 credits
0101 TuTh.....1:00pm- 1:50pm (ZOP 0263) Clark, E
TuTh.....2:00pm- 5:00pm (ZOP 0263) LAB

ZOOL608I Zoology Seminar: Microcomputers for Statistics and Graphics; Grade Method: REG/AUD; — 1 credit
1701 M.....5:00pm- 5:50pm (ZOP 1234) Inouye, D

ZOOL608L Zoology Seminar: Ecology Seminar; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged Reaka, M

ZOOL6080 Zoology Seminar: Molecular and Cellular Biology; Grade Method: REG/AUD; Open to all graduate students. — 1 credit
1001 W.....12:00pm-12:50pm (ZOP 1208) STAFF

ZOOL608P Zoology Seminar: Sensory Biology; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged Popper, A

ZOOL608Q Zoology Seminar: Protozoology; Grade Method: REG/AUD; — 1 credit
2801 Time and room to be arranged Small, E

ZOOL609 Special Problems in Zoology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ZOOL613 Electron Microscopy Laboratory II; Grade Method: REG/AUD; Prerequisite: ZOOL 612 and permission of instructor. — 2 credits
0101 TBA (ZOP 0239) Goode, M

ZOOL615 Biological Ultrastructure; Grade Method: REG/AUD; Prerequisites: cell biology or histology or permission. — 3 credits
0101 TuTh.....9:30am-10:45am (ZOP 1208) Goode, M

ZOOL622 Membrane Transport Phenomena; Grade Method: REG/AUD; Prerequisite: ZOOL 422 and knowledge of calculus. — 3 credits
0101 MW.....9:30am-10:45am (ZOP 1230) Colombini, M

ZOOL677 Ecology of Marine Communities; Grade Method: REG/AUD; Prerequisite: ZOOL 670; ZOOL 481 strongly recommended. — 4 credits
0101 Tu.....2:00pm- 4:50pm (ZOP 1230) Reaka, M
Time and room to be arranged LAB

ZOOL686 Marine and Estuarine Protozoa; Grade Method: REG/AUD; — 4 credits
2801 Time and room to be arranged Small, E
TBA (ZOP 0221) LAB

ZOOL708B Advanced Topics in Zoology: Cell Biology Lecture; Grade Method: REG/AUD; Prerequisites: ZOOL 211, ZOOL 213, CHEM 243 or 245, MATH 140 or 220, or permission. — 2 credits
0101 MWF.....11:00am-11:50am (ZOP 2283) Ades, I

ZOOL708E (PermReq) Advanced Topics in Zoology: Eukaryotic Gene Expression; Grade Method: REG/AUD; — 2 credits
4001 W.....7:00pm- 9:00pm (Arranged) Shapiro, S

ZOOL708G Advanced Topics in Zoology: Concepts in Evolution; Grade Method: REG/AUD; — 3 credits
0101 Time and room to be arranged Chao, L

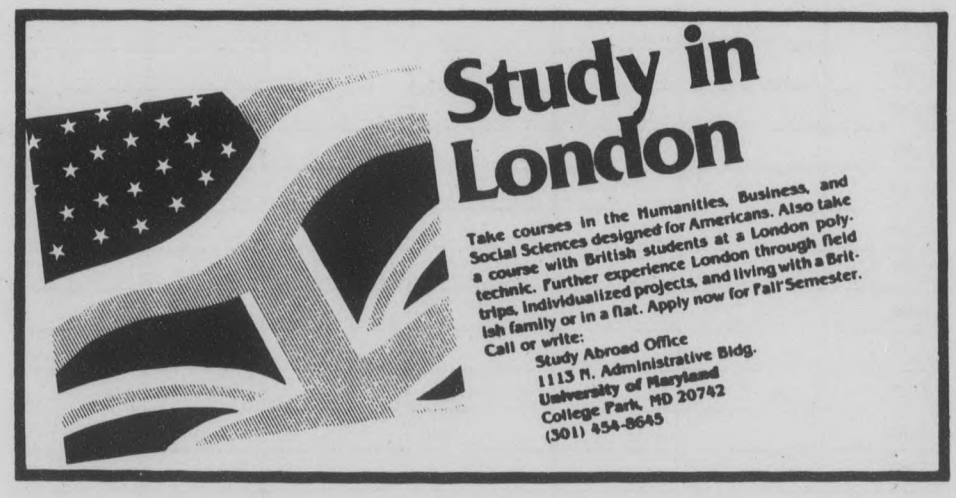
ZOOL708N (PermReq) Advanced Topics in Zoology: Membrane Physiology; Grade Method: REG/AUD; — 1 credit
3401 TBA (ZOP 1230) Colombini, M

ZOOL799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ZOOL899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

TENTATIVE SCHEDULE

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
8:00						
8:30						
9:00						
9:30						
10:00						
10:30						
11:00						
11:30						
12:00						
12:30						
1:00						
1:30						
2:00						
2:30						
3:00						
3:30						
4:00						
4:30						
5:00						



NOTES

TENTATIVE SCHEDULE

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
8:00						
8:30						
9:00						
9:30						
10:00						
10:30						
11:00						
11:30						
12:00						
12:30						
1:00						
1:30						
2:00						
2:30						
3:00						
3:30						
4:00						
4:30						
5:00						

TENTATIVE SCHEDULE

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
8:00						
8:30						
9:00						
9:30						
10:00						
10:30						
11:00						
11:30						
12:00						
12:30						
1:00						
1:30						
2:00						
2:30						
3:00						
3:30						
4:00						
4:30						
5:00						

NOTES

TENTATIVE SCHEDULE

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
8:00						
8:30						
9:00						
9:30						
10:00						
10:30						
11:00						
11:30						
12:00						
12:30						
1:00						
1:30						
2:00						
2:30						
3:00						
3:30						
4:00						
4:30						
5:00						

TENTATIVE SCHEDULE

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
8:00						
8:30						
9:00						
9:30						
10:00						
10:30						
11:00						
11:30						
12:00						
12:30						
1:00						
1:30						
2:00						
2:30						
3:00						
3:30						
4:00						
4:30						
5:00						

FILM
PUBLICITY & PROMOTION
GAMES & TOURNAMENTS
OUTDOOR RECREATION
PREMIER PRODUCTIONS
ISSUES & ANSWERS
CULTURAL EVENTS
VISUAL ARTS
GLASS ONION CONCERTS

SUPC
STAMP UNION PROGRAM COUNCIL

HELP PLAN ENTERTAINING EVENTS

GET INVOLVED
454-4987

WE ALWAYS NEED LEADERS

AIM HIGH

The Air Force is looking for pilots ... navigators ... missileers ... engineers ... managers and ... more. Our positions are important. You can get one through Air Force ROTC.

As an Air Force ROTC cadet, you'll be trained in leadership and management practices. You may also apply for our scholarship program that helps pay college expenses, plus $100 per academic month, tax free.

After graduation, you'll have all the prestige and responsibility of an Air Force officer. You'll discover a new world where you'll be challenged to excel ... and rewarded for your success. Let us give you the details today.

Capt. Pete Hughes, 301-454-3245

AIR FORCE ROTC

Leadership Excellence Starts Here

NOTHING IMPRESSES AN EMPLOYER LIKE DROPPING OUT OF SCHOOL.

After years of intense study, a lot of college graduates finally learn something. They're not qualified for the job they want.

That's why there's a nationwide program for college students called Cooperative Education. It allows students to alternate studies at the college of their choice with paid, practical work experience in the career of their choice.

To participate, you don't need to fit into any particular socio-economic group. You don't need to be a straight "A" student either. All you really need to be, is smart enough to leave school.

Co-op Education

You earn a future when you earn a degree.

Ad Council **For a free booklet write:** Co-op Education • P.O. Box 999 • Boston, MA 02115
A Public Service of This Newspaper • c 1985 National Commission for Cooperative Education

9 MONTH LEASES

**(September – May)
at

OLDE MILL LANDING

Our efficiencies, 1 and 2 bedrooms are just minutes from College Park campus.

- Walk-in closets*
- Wall-to-wall carpeting
- Cooking, heat and water included*
- Washer and Dryer*
- 1½ bath-2 bath in our two bedrooms
- Clubhouse w/social activities

CALL

572-4600

Bring a roommate and live in luxury for ½ the cost!

*some units may vary
**students with current identification cards only

UPS

IMMEDIATE OPENINGS FOR PART TIME EMPLOYMENT

$8.00 PER HOUR

■ Applications are being accepted for PACKAGE HANDLERS, 3 to 5 hours daily.

■ START TIMES: 3:30 A.M., 11:00 A.M., 5:30 P.M., 11:00 P.M. 5 days a week

■ Employer paid benefits package

■ Physically challenging, must handle packages up to 70 lbs.

■ Excellent opportunity for college students

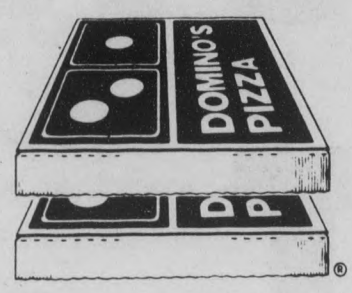
■ Call our Laurel facility at 596-1523 or 596-1526, or our Landover facility at 341-7677 between 9 A.M. and 5 P.M. Monday through Friday

Equal Opportunity Employer — M/F

TRY THE DOMINO'S PIZZA®

DOUBLE DEAL

No coupon necessary – just ask for the Double Deal!



Two Pizzas for only $8.75

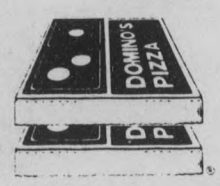
Two regular 12" cheese pizzas for only **$8.75.**

Each additional item only $1.50 to cover both pizzas.

Fast, Free Delivery™

Good only at College Park location for a limited time.

No Coupon Necessary



Unconditional Guarantee:

Service:
$3.00 Off
If your pizza does not arrive within 30 minutes from the time you order the driver will deduct $3.00 off your order with no exceptions – ever.

Unconditional Guarantee:

Product:
If you are not happy with your order call the store manager within 30 minutes after delivery for a new pizza at no extra charge or your money back.

MENU
Our Superb Cheese Pizza
12" cheese $5.00
16" cheese $7.25
12" cheese Double Deal $8.75

REAL®

Additional Items
Pepperoni, Mushrooms, Black Olives, Onions, Green Peppers, Ground Beef, Sausage, Ham, Hot Peppers, Double Cheese, Pineapple
12" pizza $ .75 per item
16" pizza $1.00 per item
12" Double Deal $1.50 per item
(Enough to cover both pizzas.)

ExtravaganZZa®
Special portions of nine items for the price of five: Pepperoni, Mushrooms, Black Olives, Onions, Green Peppers, Ground Beef, Sausage, Ham and Extra Cheese
12" ExtravaganZZa® $ 8.75
16" ExtravaganZZa® $12.25
12" Double Deal ExtravaganZZa® $16.25

Call Us!
277-9540
4509 College Ave.
College Park
Hours:
11am-1am Sun.-Thurs.
11am-2am Fri. & Sat.
Open for Lunch

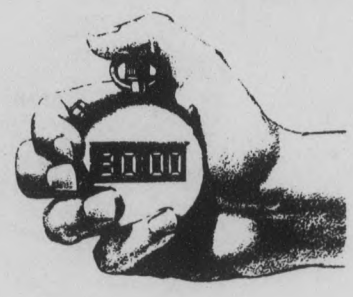
DOMINO'S PIZZA®

©1988 Domino's Pizza, Inc.

New Low Prices

THE DOMINO'S PIZZA® DOUBLE GUARANTEE

We keep the NOID™ out and quality in!



A GUARANTEE YOU CAN SINK YOUR TEETH INTO.

When Domino's Pizza Delivers,© you can be sure you're getting a top-quality pizza. If, for any reason you're not satisfied with it, call and let us know within 30 minutes after delivery. We'll make it right and deliver another one free, or refund your money. We guarantee it!

MENU
Our Superb Cheese Pizza
12" cheese $5.00
16" cheese $7.25

REAL®

Additional Items
Pepperoni, Mushrooms, Black Olives, Onions, Green Peppers, Ground Beef, Sausage, Ham, Hot Peppers, Double Cheese, Pineapple
12" pizza $ .75 per item
16" pizza $1.00 per item

ExtravaganZZa™
Special portions of nine items for the price of five: Pepperoni, Mushrooms, Black Olives, Onions, Green Peppers, Ground Beef, Sausage, Ham and Extra Cheese
12" ExtravaganZZa $ 8.25
16" ExtravaganZZa $12.25

NEW LOW PRICES!

A GUARANTEE YOU CAN COUNT ON.

Call Domino's Pizza and start counting. We've become the world's largest pizza delivery company because we always make a quality pizza and deliver it in less than 30 minutes. We'll deliver your hot, delicious pizza in 30 minutes or less, or you'll receive $3.00 off the price of your order.
We guarantee it!
Employment opportunities available.
Our drivers carry less than $20.00.
Limited delivery area.
©1987 Domino's Pizza, Inc.

Hours:
11:00 am-1:00 am Sunday-Thursday
11:00 am-2:00 am Friday & Sunday
Open for Lunch!

DOMINO'S PIZZA® **DELIVERS® FREE.**

REASONS
to advertise in the Schedule of Classes

• DISTRIBUTION OF 60,000 COPIES

• EVERY STUDENT MUST READ THIS OFFICIAL SCHOOL PUBLICATION.

• WE OFFER 100% READERSHIP.

FOR ADDITIONAL INFORMATION PLEASE CALL

RISA SEILER
454-4168

WASHINGTON Capitals

TO: University of Maryland Students

From: The Washington Capitals Hockey Team

Subject: Full-time and Part-time Employment

Earn money now with Washington's most exciting sports team. . .

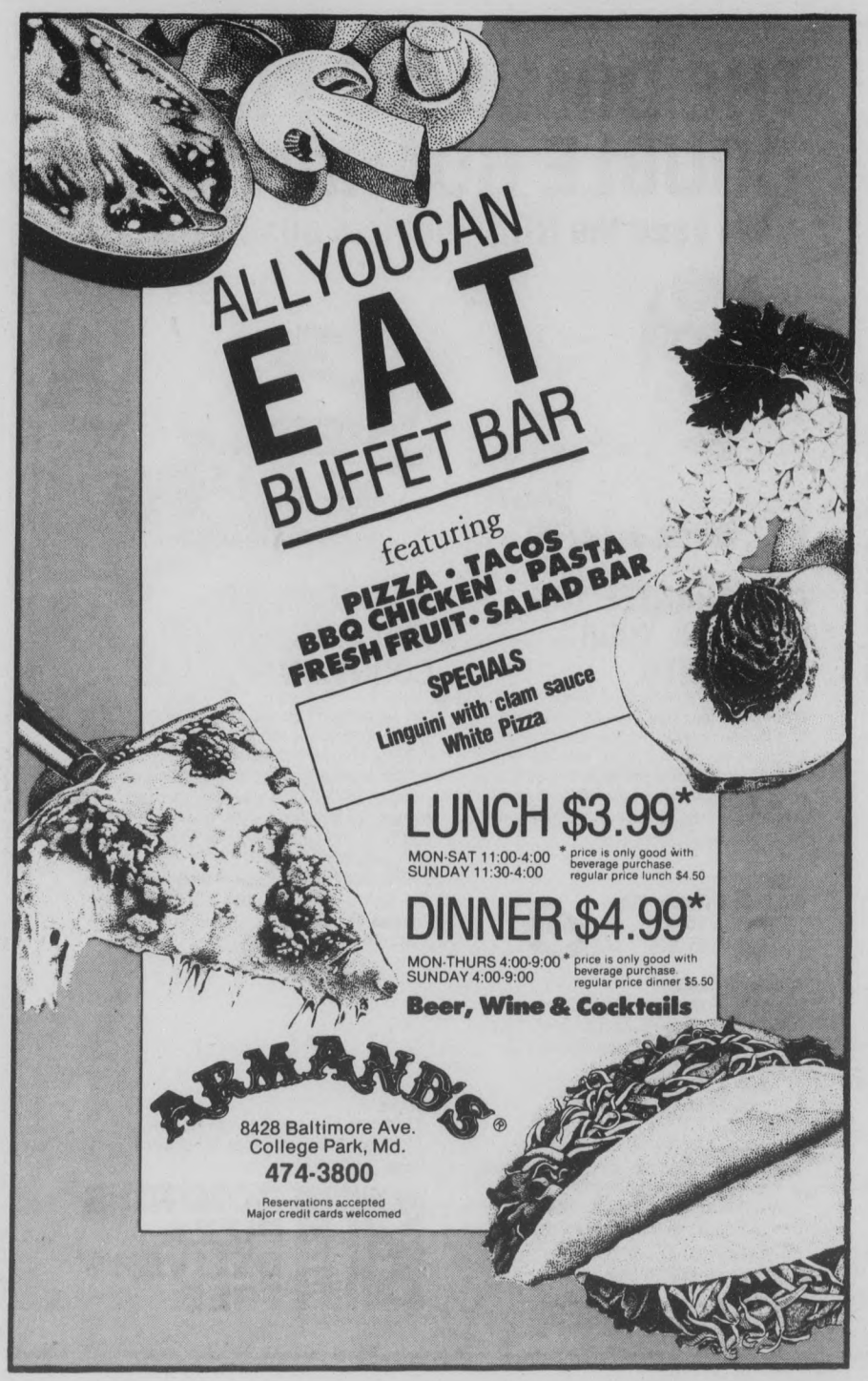
THE
WASHINGTON CAPITALS!

Full-time and part-time sales people are being sought for day and evening work at the Capital Centre.

Guaranteed Salary • Incentives • Bonuses

Great Experience!

Call Jerry Murphy at (301) 386-7080.



KNOW
IT
ALL.

Take a First Aid class with the American Red Cross. We'll teach you what you need to know to save someone you love...from choking, bleeding or dozens of other life threatening emergencies.
Call your chapter of the American Red Cross today. And know it all.

American Red Cross

Ad Council

NOW THE BEST IS BETTER
WE DELIVER

PIZZA & SUBS

at
FAMISHED
FANNY'S
4909 Greenbelt Road
College Park, Md.

474-2333

(one block off Route 1
at Greenbelt Road)

OPEN 7 DAYS A WEEK
Sun. thru Thurs. 11 AM to 12 Midnight
Fri. & Sat. till 1 AM

$1.00 CHARGE PER DELIVERY

DRIVERS & COOKS NEEDED
MONEY GREAT
Come in to apply

FAMISHED FANNY'S SUBS 474-2333
HOMEMADE BREAD

	Reg.	Lrg.
Steak	2.99	5.95
Steak'n Cheese	2.99	5.95
Steak'n Egg	2.99	5.95
Steak'n Mushroom	2.99	5.95
Steak'n Green Pepper	2.99	5.95
Steak'n Bacon	2.99	5.95
Pizza Steak'n Cheese	3.35	6.70
Roast Beef	2.99	5.95
Roast Beef'n Cheese	2.99	5.95
Roast Beef'n Turkey	2.99	5.95
Ham'n Turkey	2.99	5.95
Tuna	2.99	5.95
Italian Cold Cut	2.99	5.95
Turkey	2.99	5.95
Turkey'n Cheese	2.99	5.95
Ham	2.99	5.95
Ham'n Cheese	2.99	5.95
Hamburger	2.99	5.95
Cheeseburger	2.99	5.95
Bacon Cheeseburger	3.25	6.50
Mushroom, Egg'n Cheese	2.90	5.75
Green Pepper, Egg'n Cheese	2.90	5.75
Meatball'n Cheese	2.99	5.95

YOUR CHOICE OF AMERICAN, PROVOLONE, OR SWISS CHEESE

FROM FANNY'S FARM
MOST SUBS SERVED WITH LETTUCE, TOMATO, MAYO, ONION & PICKLE AT NO EXTRA COST.
HOT PEPPERS 15¢ EXTRA.

Fresh Dough PIZZA
12" Small: 5.00 **16" Large: 6.95**

EXTRA TOPPINGS: PEPPERONI, MUSHROOMS, BLACK OLIVES, GREEN PEPPERS, MEATBALLS, BACON, ONION AND SAUSAGE.
Small: 1.00 **Large: 1.25**

EXTRA CHEESE
Small: 1.25 **Large: 2.00**

FANNY'S FINEST
A PIZZA WITH A LITTLE OF EVERYTHING
Small: 9.25 **Large: 11.95**

STUFFED PIZZA 9.95

VALUABLE

$1.00 OFF
A LARGE
VEAL PARMESAN SUB

(one coupon per person)

Schedule of Classes

Not valid with any other coupon ***Expires December '88***

VALUABLE

$1.00 OFF
A LARGE MEATBALL & CHEESE SUB

(one coupon per person)

Schedule of Classes

Not valid with any other coupon ***Expires December '88***

VALUABLE

BRAND NEW

$2.00 OFF
A STUFFED PIZZA

(one coupon per person)

Schedule of Classes

Not valid with any other coupon ***Expires December '88***

kinko's copies

FULL SERVICE
7402 Baltimore Blvd.

- Fast Copies
- Quality Papers
- Word Processing
- Cutting & Folding

SELF-SERVICE
College Park Shopping Center

- Self Serve Copies
- Passport Photos
- Apple Macintosh LaserWriter™ Center

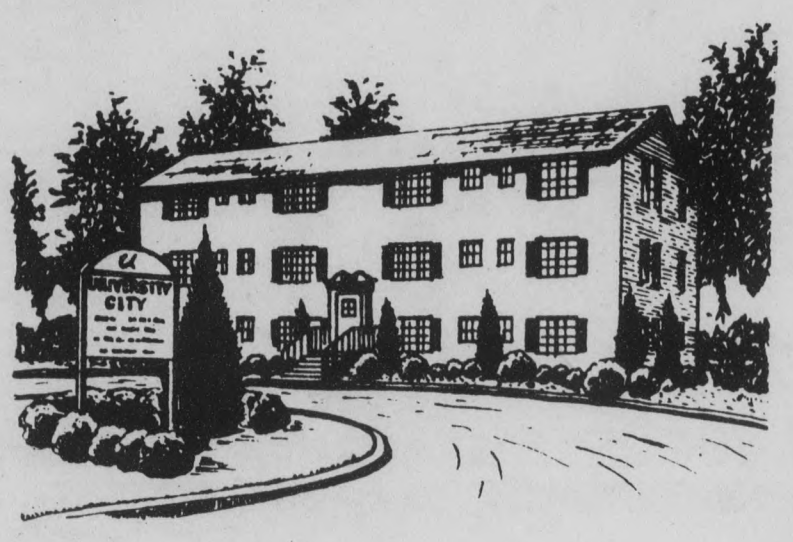
PROFESSOR PUBLISHING
4412 Knox Road

- Custom Classroom Materials

OPEN 24 HOURS A DAY

277-7543

UNIVERSITY CITY APARTMENTS



- 1 and 2 Bedrooms
- Shuttle Bus to U. of Md.
- Cable TV
- Affordable
- All Utilities Incld.
- Lovely Landscaping

Newly Renovated!
See our beautiful model apartment

(301) 434-2414

2213 University Blvd. East
Hyattsville, MD 20783

— Scott Management, Inc. —

Turn Your Textbooks Into Cash... Fast!

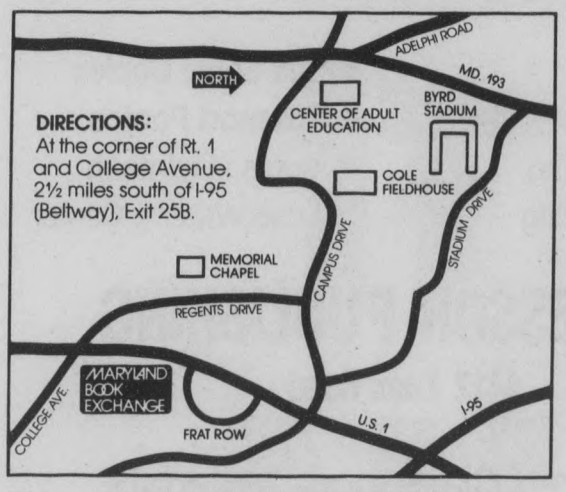
We'll pay you Top Dollar for your used Textbooks. In Cash and on the spot!

Regardless of where you bought your textbooks, *we'll* buy them back—at a very good price.

Just bring your books to Maryland Book Exchange and follow the signs to our "Book Buy Back Area." It's open Monday–Friday 9–6 and Saturday 9–5.

Then, at the start of next semester, bring us your list of required reading. No matter how obscure your titles are, we'll help you book up from the largest stock of new and used books in the area.

So why wait? Turn those textbooks into cash *fast*, at Maryland Book Exchange! **Best prices paid May 2–24.**



We're easy to reach from anywhere on campus. Parking available.

52 YEARS 1936-1988

MARYLAND BOOK EXCHANGE

Washington area's only Department Store for Books.

Store Hours:	
	M-F 9am–6pm
	Sa 9am–5pm
	Su 12n–5pm

927-2510

VISA MasterCard

4500 College Avenue, College Park, MD 20740